1. Record Nr. UNINA990000980160403321

Autore	Curtis, W.D.
Titolo	Differential Manifolds and Theoretical Physics / W.D. Curtis, F.R. Miller
Pubbl/distr/stampa	New York [etc.] : Academic Press, 1985
Disciplina	530
Locazione	FI1
Collocazione	20-116F
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910463567803321

Titolo	Reducing Gun Violence in America : Informing Policy with Evidence and Analysis / / [edited by] Daniel W. Webster, Jon S. Vernick
Pubbl/distr/stampa	Baltimore, MD : , : Johns Hopkins University Press, , 2013 ©2013
ISBN	1-4214-1111-3
Descrizione fisica	1 online resource (320 p.)
Disciplina	363.330973
Soggetti	Electronic books.
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	pt. I. Gun policy lessons from the United States : keeping guns from high-risk individuals -- pt. II. Making gun laws enforceable -- pt. III. Gun policy lessons from the United States : high-risk guns -- pt. IV. International case studies of responses to gun violence -- pt. V. Second amendment -- pt. VI. Public opinion on gun policy.

3. Record Nr. UNINA9910557114003321

Autore	Leimkuhler Silke
Titolo	Transition Metals in Catalysis : The Functional Relationship of Fe-S Clusters and Molybdenum or Tungsten Cofactor-Containing Enzyme Systems
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (186 p.)
Soggetti	Biology, life sciences Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Iron-sulfur (FeS) centers are essential protein cofactors in all forms of life. They are involved in many key biological processes. In particular, Fe-S centers not only serve as enzyme cofactors in catalysis and electron transfer, they are also indispensable for the biosynthesis of complex metal-containing cofactors. Among these cofactors are the molybdenum (Moco) and tungsten (Wco) cofactors. Both Moco/Wco biosynthesis and Fe-S cluster assembly are highly conserved among all kingdoms of life. After formation, Fe-S clusters are transferred to carrier proteins, which insert them into recipient apo-proteins. Moco/Wco cofactors are composed of a tricyclic pterin compound, with the metal coordinated to its unique dithiolene group. Moco/Wco biosynthesis starts with an Fe-S cluster-dependent step involving radical/S-adenosylmethionine (SAM) chemistry. The current lack of knowledge of the connection of the assembly/biosynthesis of complex metal-containing cofactors is due to the sheer complexity of their synthesis with regard to both the (genetic) regulation and (chemical) metal center assembly. Studies on these metal-cofactors/cofactor-containing enzymes are important for understanding fundamental cellular processes. They will also provide a comprehensive view of the complex biosynthesis and the catalytic mechanism of metalloenzymes

that underlie metal-related human diseases.