1. Record Nr. UNINA9910826927803321

Autore	Bartok Peter
Titolo	Applied Geoscience in Shale Exploration and Production / / Peter Bartok
Pubbl/distr/stampa	Tulsa, Oklahoma : , : PennWell, , 2018
ISBN	1-5231-3034-2
Descrizione fisica	1 online resource (ix, 338 pages)
Disciplina	622.1828
Soggetti	Petroleum - Prospecting
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	Since the year 2000, unconventional shale plays have contributed greatly to the global oil and gas supply, particularly in the United States. Understanding and managing these resources requires a unique understanding about the geology, geophysics, rock physics, and rock mechanics of each reservoir in a seamless interdisciplinary approach. Equally important, advanced technologies in seismic and microseismic processing enable professionals to map and identify the hydrocarbon resource and establish the optimum pathways for production. Features and Benefits: Bridging barriers of communication between disciplines; Create an optimal work flow for a shale resource assessment; Achieve a greater understanding of a shale resource potential.

2. Record Nr. UNINA9910557414003321

Autore	FESSARD Valerie
Titolo	From Basic Research to New Tools and Challenges for the Genotoxicity Testing of Nanomaterials
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (188 p.)
Soggetti	Humanities Social interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This Special Issue presents studies on the genotoxicity of nanomaterials. Although nanomaterials provide multiple benefits in a wide range of applications, challenges remain in addressing strong concerns about their risks to the environment and human health. As a result of inconsistencies among published results and diverging conclusions, the understanding of nanomaterial exposure and toxicity remains unclear. Determining whether these materials cause DNA damage-the first step in carcinogenesis-must be a priority in testing. In this book, readers will find recent publications on the genotoxic response to a broad range of nanomaterials, the impact of physico-chemical characteristics, safe-by-design and new developed tools.