1. Record Nr. UNINA9910713860803321

Titolo	Seasonal ground-water level changes (1990-93) and flow patterns in the Fristoe unit of the Mark Twain National Forest, southern Missouri / / by Jeffrey L. Imes and Michael J. Kleeschulte
Pubbl/distr/stampa	Rolla, Missouri : , : U.S. Department of the Interior, U.S. Geological Survey, , 1995 Denver, Colorado : , : Earth Science Information Center, Open-File Reports Section
Descrizione fisica	1 online resource (2 maps)
Collana	Water-resources investigations report ; ; 95-4096
Soggetti	Groundwater - Missouri - Mark Twain National Forest Groundwater Maps. Missouri Mark Twain National Forest
Lingua di pubblicazione	Inglese
Formato	Materiale cartografico a stampa
Livello bibliografico	Monografia
Note generali	"Prepared in cooperation with the Missouri Department of Conservation." Includes text, location map, hydrographs, and geologic section.
Nota di bibliografia	Includes bibliographical references.

2. Record Nr. UNINA9910298462103321

Titolo	Remarkable Natural Material Surfaces and Their Engineering Potential / / edited by Michelle Lee
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-03125-2
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (171 p.)
Disciplina	500 541.2 577 620.0042
Soggetti	Materials—Surfaces Thin films Ecology Nature Biochemical engineering Nanochemistry Surfaces and Interfaces, Thin Films Popular Science in Nature and Environment Biochemical Engineering
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 at the end of each chapters and index.
Nota di contenuto	Blood Clots and Vascular Networks: Self-Healing Materials -- Shark Skin: Taking a Bite Out of Bacteria -- Mother-of-Pearl: An Engineering Gem -- Diatoms: Glass Ornaments of the Earth’s Waters -- Lotus Leaves: Humble Beauties -- Dragonfly Wings: Special Structures for Aerial Acrobatics -- Moth Eyes: A New Vision for Light-Harnessing Efficiency -- Botanical Leaves: Groovy Terrain -- Snake Skin: Small Scales With a Large Scale Impact -- Gecko Pads: A Force to Be Reckoned With -- Butterfly Wings: Nature’s Fluttering Kaleidoscope -- Frog Skin: A Giant Leap for Engineering Applications -- Spider Silk: A Sticky Situation.

Sommario/riassunto

This book explores a collection of natural surfaces, their scientific characteristics, and their unique engineering potential – demonstrating that engineering applications can be found in unexpected places. The surfaces covered range from botanical ones, like rice and lotus leaves, to insect surfaces, like butterfly and dragonfly wings. The variety of surfaces and numerous engineering potentials described show how biomimicry can be utilized to solve countless real-world problems.