1. Record Nr. UNINA9910454524203321

Autore	Ensminger Peter A. <1957->
Titolo	Life under the sun [[electronic resource] /] / Peter A. Ensminger
Pubbl/distr/stampa	New Haven, CT, : Yale University Press, c2001
ISBN	1-281-72259-6 9786611722593 0-300-13352-9
Descrizione fisica	1 online resource (1 online resource (xii, 276 p.)) : ill
Disciplina	571.4/55
Soggetti	Photobiology Photoreceptors Light - Physiological effect Vision Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. [201]-258) and index.
Nota di contenuto	Frontmatter -- Contents -- Preface -- Acknowledgments -- Introduction -- 1 .Vision at the Threshold -- 2. The Five Percent Solution to Vision -- 3. A More Delightful Vision -- 4 .A Burning Issue -- 5. A SAD Tale -- 6 .The Purple Disease -- 7 .A Novel Method of Weed Control -- 8 .Light and Beer -- 9. Phycomyces, the Fungus That Sees -- 10. Dictyostelium, the Amoeba and the Slug -- 11. High Hopes for Hypericin -- 12 .Turning on a Butterfly -- 13 .Blue Moons and Red Tides -- 14. Photosynthesis and the Great Salt Lake -- 15. Too Much of a Good Thing -- Appendix: A Menagerie of Molecules -- Notes -- Glossary -- Index
Sommario/riassunto	Which fungus is as sensitive to light as the human eye? What are the myths and facts about the ozone hole, tanning, skin cancer, and sunscreens? What is the effect of light on butterfly copulation? This entertaining collection of essays explores how various organisms-including archaebacteria, slime molds, fungi, plants, insects, and humans-sense and respond to sunlight.The essays in Peter A. Ensminger's book cover vision, photosynthesis, and phototropism, as well as such unusual topics as the reason why light causes beer to

	develop a "skunky" odor. He introduces us to the kinds of eyes that have evolved in different animals, including those in a species of shrimp that is ostensibly eyeless; gives us a better appreciation of color vision; explains how plowing fields at night may be used to control weeds; and tells about variegate porphyria, a metabolic disease that makes people very sensitive to sunlight and may have afflicted King George III of England.These engaging essays present a complicated yet fascinating subject in an accessible way. The book will be treasured by anyone interested in the wonders of biology.

2.

Record Nr.	UNINA9910826136603321
Autore	Grune Tilman
Titolo	Protein oxidation and aging / / Tilman Grune, Betul Catalgol, Tobias Jung
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2013
ISBN	9781118493014 111849301X 9781118493038 1118493036 9781283835275 1283835274 9781118492994 1118492994
Edizione	[1st ed.]
Descrizione fisica	1 online resource (518 p.)
Collana	Wiley series on protein and peptide science
Altri autori (Persone)	CatalgolBetul JungTobias
Disciplina	612.3/98
Soggetti	Cell physiology Cells - Aging Oxidation, Physiological
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	Oxidative stress and protein oxidation -- Removal of oxidized proteins

	-- Protein oxidation and aging-different model systems and affecting factors -- Protein oxidation in some age-related diseases.
Sommario/riassunto	Reviews our current understanding of the role of protein oxidation in aging and age-related diseases Protein oxidation is at the core of the aging process. Setting forth a variety of new methods and approaches, this book helps researchers conveniently by exploring the aging process and developing more effective therapies to prevent or treat age-related diseases. There have been many studies dedicated to the relationship between protein oxidation and age-related pathology; now it is possible for researchers and readers to learn new techniques as utilizing protein oxidation produ