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Titolo	Percutaneous Penetration Enhancers Drug Penetration Into/Through the Skin : Methodology and General Considerations / / edited by Nina Dragicevic, Howard I. Maibach
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Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Assessment Of Drug Penetration Enhancement -- Basic Mathematics -- Influence Of Occlusive Versus Non-Occlusive Application Conditions -- Finite Dose Versus Infinite Dose -- Prediction Of Skin Absorption From Complex Formulations -- Mechanistic Studies Of Permeation Enhancers -- High Throughput Screening -- Corneoxenometry -- Tape-Stripping -- Epr In Determing Drug Penetration -- Raman Spectroscopy -- Atr-Ftir -- Confocal Laser Scanning Microscopy -- The Use Of Skin Alternatives For Testing Percutaneous Penetration -- Human Native And Reconstructed Skin Preparations For In-Vitro Penetration And Permeations Studies -- Novel Approaches To The Design And Development Of Functional Human Skin -- The Retardation Of Percutaneous Penetration -- Retardation Strategies For Sunscreen Agents -- Military Perspectives In Chemical Penetration Retardation -- Patent Overview Of Penetration Enhancers -- Patent Overview Of Enhancement Techniques -- Safety And Ethics -- Research Ethics -- Current Status Of Dermal And TransdermalDrug Delivery.
Sommario/riassunto	Percutaneous Penetration Enhancers in a mini-series format comprising five volumes, represents the most comprehensive reference on enhancement methods – both well established and recently introduced – in the field of dermal/transdermal drug delivery. In detail the broad range of both chemical and physical methods used to enhance the skin

delivery of drugs is described. All aspects of drug delivery and measurement of penetration are covered, and the latest findings are provided on skin structure and function, mathematics in skin permeation, and modern analytical techniques adapted to assess and measure penetration. In offering a detailed description of the methods currently in use for penetration enhancement, this book will be of value for researchers, pharmaceutical scientists, practitioners, students and dermatological scientists or dermatologists .