

1.	Record Nr.	UNINA990006650830403321
	Autore	Ercman, S
	Titolo	Guide to Case Law. Key to Case-Law / S. Ercman
	Pubbl/distr/stampa	Wien : Braumuller, 1981
	Descrizione fisica	XXX, 528 p. ; 22 cm
	Collana	European Convention on Human Rights
	Localione	DEC FSPBC
	Collocazione	DI XII 41 III H 31
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910146252403321
	Titolo	TRP ion channel function in sensory transduction and cellular signaling cascades // edited by Wolfgang B. Liedtke, with Stefan Heller
	Pubbl/distr/stampa	Boca Raton, FL, : CRC/Taylor & Francis, c2007
	ISBN	1-04-020257-8 0-429-12715-4 1-280-73308-X 9786610733088 1-4200-0584-7
	Descrizione fisica	1 online resource (502 p.)
	Collana	Frontiers in neuroscience
	Altri autori (Persone)	LiedtkeWolfgang B HellerStefan
	Disciplina	572/.3
	Soggetti	TRP channels
	Lingua di pubblicazione	Inglese
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	Livello bibliografico	Monografia

Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Series Preface; Preface; The Editors; Contributors; Abstract; Contents; Chapter 1. The TRPC Family of Ion Channels: Relation to the TRP Superfamily and Role in Receptor- and Store-Operated Calcium Entry; Chapter 2. Multiple Mechanisms of TRPC Activation; Chapter 3. TRPC2 and the Molecular Biology of Pheromone Detection in Mammals; Chapter 4. TRP Channels and Axon Pathfinding; Chapter 5. TRPV1 Receptors and Signal Transduction; Chapter 6. Complex Regulation of TRPV1 by Vanilloids; Chapter 7. TRPV2: A Calcium- Permeable Cation Channel Regulated by Insulin-Like Growth Factors Chapter 8. Molecular Mechanisms of TRPV4 Gating Chapter 9. TRPV4: A Multifunctional Nonselective Cation Channel with Complex Regulation; Chapter 10. TRPV4 and TRPM3 as Volume-Regulated Cation Channels; Chapter 11. TRPA1: A Sensory Channel of Many Talents; Chapter 12. TRPA1 in Auditory and Nociceptive Organs; Chapter 13. TRPM8: The Cold and Menthol Receptor; Chapter 14. Activation Mechanisms and Functional Roles of TRPP2 Cation Channels; Chapter 15. The Ca²⁺-Activated TRP Channels: TRPM4 and TRPM5; Chapter 16. Genetics Can Be Painless: Molecular Genetic Analysis of Nociception in Drosophila Chapter 17. TRPV Family Ion Channels and Other Molecular Components Required for Hearing and Proprioception in Drosophila Chapter 18. The TRPV Channel in C. elegans Serotonergic Neurons; Chapter 19. TRP Channel Functioning in Mating and Fertilization; Chapter 20. The Role of TRP Channels in Thermosensation; Chapter 21. Voltage and Temperature Gating of ThermoTRP Channels; Chapter 22. TRPV Channels' Function in Osmo- and Mechanotransduction; Chapter 23. TRP Channel Trafficking; Chapter 24. Protein-Protein Interactions in TRPC Channel Complexes Chapter 25. Structural Insights into the Function of TRP Channels Chapter 26. Functional Significance of Transient Receptor Potential Channels in Vascular Function; Chapter 27. Role of TRPV4 in the Mechanotransduction of Shear Stress in Endothelial Cells; Chapter 28. A New Insight into the Function of TRPV2 in Circulatory Organs; Chapter 29. The Role of TRPV 4 in the Kidney; Chapter 30. The TRPV4 Channel in Ciliatd Epithelia; Chapter 31. Protease-Activated Receptors: Mechanisms by Which Proteases Sensitize TRPV Channels to Induce Neurogenic Inflammation and Pain; Index; Back Cover
Sommario/riassunto	Since the first TRP ion channel was discovered in Drosophila melanogaster in 1989, the progress made in this area of signaling research has yielded findings that offer the potential to dramatically impact human health and wellness. Involved in gateway activity for all five of our senses, TRP channels have been shown to respond to a wide range of stimuli from both within and outside the cell body. How we sense heat and cold, how we taste food, how eggs are fertilized, how the heart expands and contracts is each dependent on the function of these channels. While no single book could