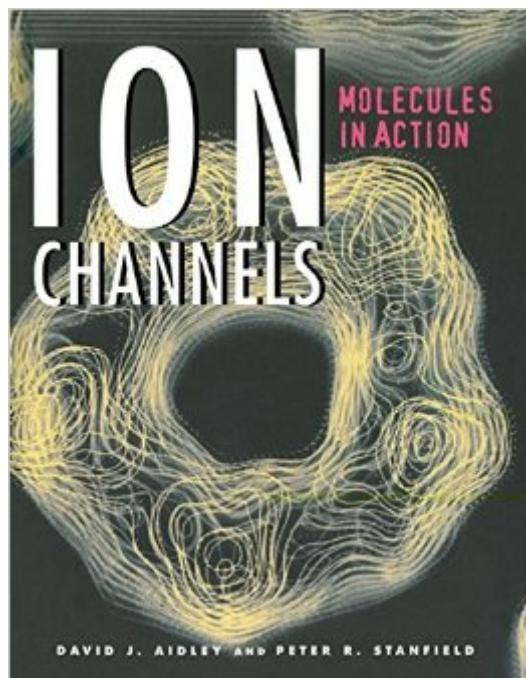


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# Ion Channels: Molecules In Action



## Synopsis

Ion channels are crucial components of living cells. Situated in the cell membrane, they allow ions to pass from one side of the membrane to the other. This book provides an overview of ion channel study, including up-to-date coverage of the permeability and selectivity of channels, their gating and modulation, their response to drugs and toxins, and the human diseases that result from channel malfunction. Students of molecular biology, biochemistry, physiology, and neurobiology will benefit from this modern, concise text.

## Book Information

Paperback: 320 pages

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Average Customer Review: 3.0 out of 5 starsÂ  See all reviewsÂ  (2 customer reviews)

Best Sellers Rank: #129,731 in Books (See Top 100 in Books) #12 inÂ  Books > Science & Math > Biological Sciences > Biophysics #31 inÂ  Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Biochemistry #59 inÂ  Books > Medical Books > Basic Sciences > Cell Biology

## Customer Reviews

Getting a bit old now, but although it doesn't cover some of the most recent work it is by no means out of date. It remains one of the best introductions to voltage and ligand-gated ion channels and to electrophysiological methods of study. A good entry to the field, with an excellent bibliography of the primary literature. I don't know if I can recommend it at its list price (it is a slim volume), but used it could be a great buy.

Some things are well explained, others just suck. Too wordy. I would recommend to learn about proteins in general and the topic of bioelectricity and that would be ideal.

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