# ROBERT S. EISENBERG

## **PUBLICATIONS**

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[Laboratory of Robert S. Eisenberg]

#### Papers: Electrical properties of tissues, mostly experimental:

- 1. Eisenberg, R.S. and Hamilton, D. Action of γ-aminobutyric acid on *Cancer borealis* muscle. Nature 198: 1002-1003 (1963). [PDF]
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- 14. Eisenberg, R.S., Vaughan, P. and Howell, J. A theoretical analysis of the capacitance of muscle fibers using a distributed model of the tubular system. J. Gen. Physiol. 59: 360-373 (1972). [PDF]
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- 17. Valdiosera, R., Clausen, C. and Eisenberg, R.S. Circuit models of the passive electrical properties of frog skeletal muscle fibers. J. Gen. Physiol. 63: 432-459 (1974). [PDF]
- 18. Valdiosera, R., Clausen, C. and Eisenberg, R.S. Impedance of frog skeletal muscle fibers in various solutions. J. Gen. Physiol. 63: 460-491 (1974). [PDF]
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## Papers: Theoretical Analysis and Modeling of Spread of Current:

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- 55. D. Junge and R.S. Eisenberg. Uniqueness and interconvertibility among membrane potassium channels. Comments on Theoret. Biology. 11: 45-55 (1990). [PDF]
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