ROBERT S. EISENBERG

PUBLICATIONS

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[Laboratory of Robert S. Eisenberg]

Publication List maintained for all these years with loving care by John Tang, with thanks from Bob!

<u>Papers</u>: 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). PMCID not available [PDF]
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- 8. Eisenberg, B. and Eisenberg, R.S. Selective disruption of the sarcotubular muscle: A quantitative study with exogenous peroxidase as a marker. J. Cell Biol. 39: 451-467 (1968). PMCID: PMC2107525 [PDF]
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- 12. Eisenberg, R.S., Howell, J. and Vaughan, P. The maintenance of resting potentials in glycerol treated muscle fibers. J. Physiol. 215: 95-102 (1971). PMCI331868 [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). PMCID: PMC2203177 [PDF]
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- 16. Valdiosera, R., Clausen, C. and Eisenberg, R.S. Measurement of the impedance of frog skeletal muscle fibers. Biophys. J. 14: 295-315 (1974). PMCID: PMC1334509 [PDF]
- 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). PMCID: PMC2203561 [PDF]
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- 21. Eisenberg, R.S. and Rae, J.L. Current-voltage relationships in the crystalline lens. J. Physiol. 262: 285-300 (1976). PMCI307644 [PDF]
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- 35. Eisenberg, R.S. Membranes, calcium, and coupling. Can. J. Physiol. and Pharmacol: 65 686-690 (1987). PMID: 2440543 [PDF]

<u>Papers</u>: Theoretical Analysis and Modeling of Spread of Current:

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