

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!

Papers: Electrical properties of tissues, mostly experimental:

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3. Eisenberg, R.S. The equivalent circuit of single crab muscle fibers as determined by impedance measurement with intracellular electrodes. J. Gen. Physiol. 50: 1785-1806 (1967). [PMCID: PMC2225735](#) [\[PDF\]](#)
4. Eisenberg, R.S. and Gage, P.W. Frog skeletal muscle fibers: change in the electrical properties of frog skeletal muscle fibers after disruption of the transverse tubular system. Science 158: 1700-1701 (1967). [PMID: 6070028](#) [\[PDF\]](#)
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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). [PMCID: PMC1331868](#) [\[PDF\]](#)
13. Vaughan, P., Howell, J. and Eisenberg, R.S. The capacitance of skeletal muscle fibers in solutions of low ionic strength. *J. Gen. Physiol.* 59: 347-359 (1972). [PMCID: PMC2203175](#) [\[PDF\]](#)
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15. Leung, J. and Eisenberg, R.S. The effects of the antibiotics gramicidin-A, amphotericin-B, and nystatin on the electrical properties of frog skeletal muscle. *Biochem. Biophys. Acta.* Amsterdam 298: 718-723 (1973). [PMID: 4541500](#) [\[PDF\]](#)
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