

CONTENTS · THE JOURNAL OF  
General Physiology

---

VOLUME 76 · NUMBER 5 · NOVEMBER 1980

---

- 517 FULTON WONG, BRUCE W. KNIGHT, and FREDERICK A. DODGE. Dispersion of latencies in photoreceptors of *Limulus* and the adapting-bump model
- 539 FULTON WONG and BRUCE W. KNIGHT. Adapting-bump model for eccentric cells of *Limulus*
- 559 R. R. WARNER and C. LECHENE. Isosmotic volume reabsorption in rat proximal tubule
- 587 JOHN W. KRUEGER, DAMIAN FORLETTI, and BEATRICE A. WITTENBERG. Uniform sarcomere shortening behavior in isolated cardiac muscle cells
- 609 MARION J. SIEGMAN, THOMAS M. BUTLER, SUSAN U. MOOERS, and ROBERT E. DAVIES. Chemical energetics of force development, force maintenance, and relaxation in mammalian smooth muscle
- 631 PHYLLIS R. ROBINSON, SATORU KAWAMURA, BRUCE ABRAMSON, and M. DERIC BOWNS. Control of the cyclic GMP phosphodiesterase of frog photoreceptor membranes