Cooper
September 2026

Physics 596 – Fall 2026

On-line Resource Activity #4

(1). UIUC Prof. of Physics Paul Selvin's group discovered that the molecular motor myosin walks "hand-over-hand" on actin. Find the full citation (i.e., all authors, page number, publication, publication year, etc.) for the paper that reported this observation.

(2). Locate this paper (from (1)) online, and print out the first page of this paper.

(3). Determine how many times Prof. Selvin's "myosin" paper (from (1)) has been cited by other publications.

(4). Determine what year the paper in (1) was most cited, and how many times the paper was cited that year.

(5). Among papers that cited Prof. Selvin's "myosin" paper in (1) during its "most cited" year, write the full reference for the paper that has been "most cited" and write how many times it has been cited.

(6). Locate on-line, and print out, the first page of the paper you identified in part (5).