

Jae Sung Park, Ph.D.

Research description:

I am interested in design, fabrication, and testing of micromachined devices. Presently I am working on a research project focused on the design of an artificial liver.

Papers:

J.-S Park, C. Wilson and Y.B. Gianchandani, Chapter 25: Micromachined pressure sensors, *MEMS Handbook, CRC Press, 2002*

J.-S Park and Y.B. Gianchandani, A servo-controlled capacitive pressure sensor using a capped-cylinder structure microfabricated by a three-mask process. *Journal of Microelectromechanical Systems, vol. 12, NO.2, April 2003*

J.-S Park, Larry Chu, Andrew D. Oliver and Y.B. Gianchandani, Bent-beam electrothermal actuators-II: linear and rotary microengines, *Journal of Microelectromechanical Systems, vol. 10, pp. 255-265, 2001*