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Nicolelis.

Sommario/riassunto

In the last ten years neural ensemble recording grew into a well-respected and highly data-lucrative science. New experimental paradigms, including the fabrication of high-density microelectrodes, new surgical implantation techniques, multi-channel signal processing, and the establishment of direct real-time brain-machine interfaces, hold promise not just for neurophysiology research, but also for new-generation prosthetic devices aimed at restoring mobility and communication skills in severely disabled patients.Extensively updated and expanded, Methods for Neural Ensemble Recording, S