

CSIC nanotechnologies for market applications

Javier Maira

j.maira@orgc.csic.es

The Spanish National Research Council (CSIC) is the largest public research institution in Spain and the third in Europe. In the last decade CSIC has designed and implemented a series of actions in order to take advantage of the knowledge generated in nanotechnology by mean of an appropriate transfer to both the Spanish and the international industry [1]. Continuing with this initiate, CSIC has recently patented a simple procedure to isolate highly crystalline graphene for electronic devices applications, a flexible graphene- based transistor for measuring full-band electrophysiological signals for medical devices applications, and a novel hybrid nanomaterial very active in the degradation of organic pollutions that shows magnetic properties which allow its recovery from the media for environmental applications.

References

- [1] Javier Maira, Javier Etxabe, and Pedro A. Serena, Recent Patent on Nanotechnology, 12 (2018) 45-58.