

Supporting Information

Magnetron sputtering formation of Germanium nanoparticles for electrochemical Lithium intercalation

Tommaso Pajola¹, Anika Padin¹, Benjamin E. Blowers¹, Francesca Borghi¹, Alessandro Minguzzi², Emiliano Bonera³, Alberto Vertova² and Marcel Di Vece^{1*}

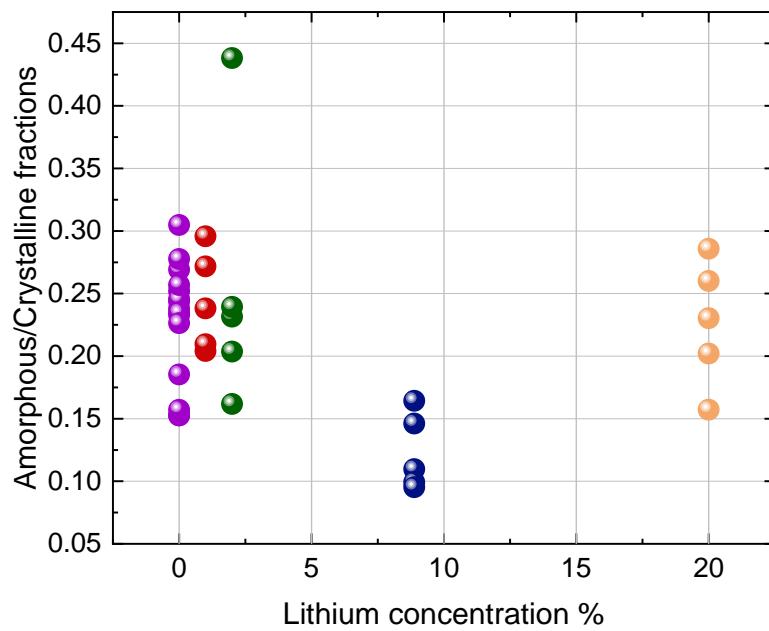
¹ *Interdisciplinary Centre for Nanostructured Materials and Interfaces (CIMaINa) and Physics Department “Aldo Pontremoli”, Università degli Studi di Milano, Via Celoria 16, 20133, Milan, Italy*

² *Dipartimento di Chimica, Università degli Studi di Milano, Via Golgi 19, 20133, Milan, Italy*

³ *Dipartimento di Scienza dei Materiali, Università di Milano-Bicocca, Via Cozzi 55, 20125, Milan, Italy*

*Corresponding author: marcel.divece@unimi.it

Figure 1



Amorphous-crystalline ratio from Raman shift peak fitting as function of lithium concentration. Each point at each concentration correspond to a different measuring position on the samples.