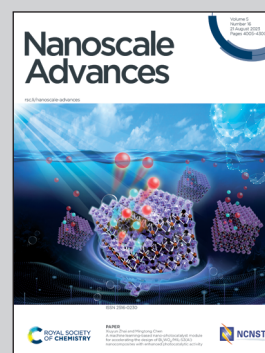


Showcasing research from laboratory of Dr. Gabriele Barrera, Prof. Paolo Allia and Dr. Paola Tiberto, Advanced Materials Metrology and Life Sciences, INRiM, Turin, Italy.

Multifunctional effects in magnetic nanoparticles for precision medicine: combining magnetic particle thermometry and hyperthermia

Biocompatible magnetic nanoparticles behave either as heat sources or as cold temperature sensors when excited at two different magnetic field frequencies. This multifunctional character promotes innovative procedures to effectively combine magnetic hyperthermia with magnetic thermometry in advanced biomedical theragnostic treatments.

As featured in:



See Gabriele Barrera *et al.*,
Nanoscale Adv., 2023, 5, 4080.