

Carlos Rinaldi Ramos

Professor at University of Florida

Gainesville, FL, US

Carlos Rinaldi-Ramos is an expert in the fields of ferrofluids, nanomedicine, and magnetic nanoparticles and their biomedical applications.

Biography

Carlos Rinaldi-Ramos is an international leader in the hydrodynamics and biomedical applications of magnetic nanoparticles, with emphasis on flow of magnetic nanoparticle suspensions, diffusion of nanoparticles in complex and biological fluids, and biomedical applications such as magnetic hyperthermia and magnetic particle imaging.

Areas of Expertise

Nanomagnetism, Hyperthermia, Nanoparticle Diffusion, Ferrofluids, Magnetic Nanoparticles , Nanomedicine, Magnetic Particle Imaging, Ferrohydrodynamics, Nanoparticle Synthesis, Drug Delivery

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