

# Lorena Maldonado-Camargo

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhanced Nanoparticle Size Control by Extending LaMer's Mechanism. <i>Chemistry of Materials</i> , 2015, 27, 6059-6066.	6.7	195
2	Magnetic Characterization of Iron Oxide Nanoparticles for Biomedical Applications. <i>Methods in Molecular Biology</i> , 2017, 1570, 47-71.	0.9	70
3	Magnetic Assembly and Cross-Linking of Nanoparticles for Releasable Magnetic Microstructures. <i>ACS Nano</i> , 2015, 9, 10165-10172.	14.6	34
4	Breakdown of the Stokes-Einstein Relation for the Rotational Diffusivity of Polymer Grafted Nanoparticles in Polymer Melts. <i>Nano Letters</i> , 2016, 16, 6767-6773.	9.1	30
5	Optimization of synthesis and peptization steps to obtain iron oxide nanoparticles with high energy dissipation rates. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 394, 361-371.	2.3	27
6	Fast nanoparticle rotational and translational diffusion in synovial fluid and hyaluronic acid solutions. <i>Science Advances</i> , 2021, 7, .	10.3	18
7	Scale-dependent rotational diffusion of nanoparticles in polymer solutions. <i>Nanoscale</i> , 2017, 9, 12039-12050.	5.6	17
8	Ferrohydrodynamic modeling of magnetic nanoparticle harmonic spectra for magnetic particle imaging. <i>Journal of Applied Physics</i> , 2015, 118, 173906.	2.5	13
9	Multifunctional nanoparticles for intracellular drug delivery and photoacoustic imaging of mesenchymal stem cells. <i>Drug Delivery and Translational Research</i> , 2019, 9, 652-666.	5.8	12
10	From oleic acid-capped iron oxide nanoparticles to polyethyleneimine-coated single-particle magnetofectins. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	10
11	Design and validation of magnetic particle spectrometer for characterization of magnetic nanoparticle relaxation dynamics. <i>AIP Advances</i> , 2017, 7, 056730.	1.3	8
12	Magnetic particle translation as a surrogate measure for synovial fluid mechanics. <i>Journal of Biomechanics</i> , 2017, 60, 9-14.	2.1	5
13	In situ measurements of dispersed and continuous phase viscosities of emulsions using nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017, 486, 241-248.	9.4	4
14	Fabrication of patterned magnetic microstructures using magnetically assembled nanoparticles. , 2015, , .		1