Jose Ramos

List of Publications by Year in Descending Order

35 papers	1,268 citations	19 h-index	35 g-index
36 ext. papers	1,342 ext. citations	5.2 avg, IF	4.57 L-index

#	Paper	IF	Citations
35	Advanced design of t and pH dual-responsive PDEAEMA-PVCL core-shell nanogels for siRNA delivery. *Journal of Polymer Science Part A*, **2016**, 54, 3203-3217	2.5	12
34	Biocompatible stimuli-responsive nanogels for controlled antitumor drug delivery. *Journal of Polymer Science Part A*, **2016**, 54, 1694-1705	2.5	28
33	Synthesis and characterization of PDEAEMA-based magneto-nanogels: Preliminary results on the biocompatibility with cells of human peripheral blood. *Journal of Polymer Science Part A*, **2016**, 54, 1479-1494	2.5	8
32	The effect of electrosteric interactions on the effective charge of thermoresponsive ionic microgels: Theory and experiments. *Journal of Polymer Science, Part B: Polymer Physics*, **2016**, 54, 2038-2049	2.6	9
31	Interfacial Activity and Contact Angle of Homogeneous, Functionalized, and Janus Nanoparticles at the Water/Decane Interface. *Langmuir*, **2015**, 31, 8818-23	4	30
30	Understanding of nanogels swelling behavior through a deep insight into their morphology. *Journal of Polymer Science Part A*, **2015**, 53, 2017-2025	2.5	19
29	Biocompatible and thermo-responsive nanocapsule synthesis through vesicle templating. *Polymer Chemistry*, **2014**, 5, 4569-4579	4.9	19
28	Production of Cationic Nanogels with Potential Use in Controlled Drug Delivery. *Particle and Particle Systems Characterization*, **2014**, 31, 101-109	3.1	33
27	Cationic polymer nanoparticles and nanogels: from synthesis to biotechnological applications. *Chemical Reviews*, **2014**, 114, 367-428	68.1	136
26	Facile synthesis of thermoresponsive nanohybrids. *Soft Matter*, **2013**, 9, 8415	3.6	5
25	Synthesis of new enzymatically degradable thermo-responsive nanogels. *Soft Matter*, **2013**, 9, 261-270	3.6	38
24	Temperature-sensitive nanogels: poly(N-vinylcaprolactam) versus poly(N-isopropylacrylamide). *Polymer Chemistry*, **2012**, 3, 852-856	4.9	228
23	Computer simulations of thermo-sensitive microgels: quantitative comparison with experimental swelling data. *Journal of Chemical Physics*, **2012**, 136, 244903	3.9	49
22	Surfactant-free miniemulsion polymerization as a simple synthetic route to a successful encapsulation of magnetite nanoparticles. *Langmuir*, **2011**, 27, 7222-30	4	39
21	Steady shear magnetorheology of inverse ferrofluids. *Journal of Rheology*, **2011**, 55, 127-152	4.1	47
20	Soft nanoparticles (thermo-responsive nanogels and bicelles) with biotechnological applications: from synthesis to simulation through colloidal characterization. *Soft Matter*, **2011**, 7, 5067	3.6	82
19	Use of hydrophobically modified inulin for the preparation of polymethyl methacrylate/polybutyl acrylate latex particles using a semicontinuous reactor. *Langmuir*, **2010**, 26, 7717-24	4	5

18	Small-amplitude oscillatory shear magnetorheology of inverse ferrofluids. *Langmuir*, **2010**, 26, 9334-41	4	28
17	Encapsulation of Inorganic Nanoparticles by Miniemulsion Polymerization **2010**, 71-96		4
16	The role of cationic monomers in emulsion polymerization. *European Polymer Journal*, **2010**, 46, 1106-1110	5.2	20
15	Encapsulation of silica nanoparticles by miniemulsion polymerization. *Journal of Polymer Science Part A*, **2009**, 47, 935-948	2.5	42
14	Hydrazine-functionalized latexes. *Journal of Polymer Science Part A*, **2009**, 47, 6201-6213	2.5	10
13	Monodisperse Magnetic Polymeric Composite Particles for Biomedical Applications. *Macromolecular Symposia*, **2009**, 281, 89-95	0.8	11
12	Evidences of a hydrolysis process in the synthesis of N-vinylcaprolactam-based microgels. *European Polymer Journal*, **2008**, 44, 4002-4011	5.2	41
11	Self-stabilized magnetic polymeric composite nanoparticles by emulsifier-free miniemulsion polymerization. *Langmuir*, **2007**, 23, 12893-900	4	73
10	Which are the mechanisms governing in cationic emulsion polymerization?. *European Polymer Journal*, **2007**, 43, 4647-4661	5.2	31
9	Modeling the emulsion polymerization of amino-functionalized latex particles. *Polymer*, **2006**, 47, 1405-1413	3.9	9
8	Kinetics of the batch cationic emulsion polymerization of styrene: A comparative study with the anionic case. *Journal of Polymer Science Part A*, **2006**, 44, 4461-4478	2.5	22
7	Synthesis and characterization of saccharide-based latex particles. *Journal of Polymer Science Part A* , **2006**, 44, 443-457	2.5	13
6	Equilibrium and kinetic aspects of the uptake of poly(ethylene oxide) by copolymer microgel particles of N-isopropylacrylamide and acrylic acid. *Langmuir*, **2005**, 21, 1209-15	4	96
5	Polymeric and colloidal features of latex particles with surface amino groups obtained by semicontinuous seeded cationic emulsion polymerization*. *Journal of Polymer Science Part A*, **2005**, 43, 3878-3886	2.5	17
4	Amino, chloromethyl and acetal-functionalized latex particles for immunoassays: a comparative study. *Journal of Immunological Methods*, **2004**, 287, 159-67	2.5	15
3	Semicontinuous seeded cationic emulsion polymerization of styrene: The effects of the concentration and type of cationic surfactant. *Journal of Polymer Science Part A*, **2003**, 41, 2322-2334	2.5	13
2	Amino-functionalized latex particles obtained by a multistep method: Development of a new immunoreagent. *Journal of Polymer Science Part A*, **2003**, 41, 2404-2411	2.5	35
1	Nanogels5257-5265		1