MarÃ-a A Molina

List of Publications by Year
in descending order

36 papers	1,742 citations	304743 22 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	2619 citing authors

#	Article	IF	Citations
1	Pickering emulsions stabilized with <scp>PANIâ€NP</scp>. Study of the thermoresponsive behavior under heating and radiofrequency irradiation. Journal of Applied Polymer Science, 2021, 138, 50625.	2.6	3
2	Electromagnetic radiation driving of volume changes in nanocomposites made of a thermosensitive hydrogel polymerized around conducting polymer nanoparticles. RSC Advances, 2020, 10, 9155-9164.	3.6	11
3	Remote radiofrequency triggering of topography changes in a surface micropatterned PANI@PNIPAM nanocomposite. Applied Surface Science, 2020, 509, 145370.	6.1	10
4	Smart Thermomechanochemical Composite Materials Driven by Different Forms of Electromagnetic Radiation. Journal of Composites Science, 2020, 4, 3.	3.0	5
5	Nanomaterials as Photothermal Agents for Biomedical Applications. Science Reviews - From the End of the World, 2020, 1, 24-46.	0.2	1
6	Synthesis of a Smart Conductive Block Copolymer Responsive to Heat and Near Infrared Light. Polymers, 2019, 11, 1744.	4.5	14
7	NIR- and thermo-responsive semi-interpenetrated polypyrrole nanogels for imaging guided combinational photothermal and chemotherapy. Journal of Controlled Release, 2019, 311-312, 147-161.	9.9	64
8	Nanocomposites based on pH-sensitive hydrogels and chitosan decorated carbon nanotubes with antibacterial properties. Materials Science and Engineering C, 2018, 90, 461-467.	7.3	40
9	Large Swelling Capacities of Crosslinked Poly(N-isopropylacrylamide) Gels in Organic Solvents. MRS Advances, 2018, 3, 3735-3740.	0.9	5
10	Semi-interpenetrated, dendritic, dual-responsive nanogels with cytochrome c corona induce controlled apoptosis in HeLa cells. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 130, 115-122.	4.3	11
11	Poly(N-isopropylacrylamide) Cross-Linked Gels as Intrinsic Amphiphilic Materials: Swelling Properties Used to Build Novel Interphases. Journal of Physical Chemistry B, 2018, 122, 9038-9048.	2.6	26
12	Rational design of dendritic thermoresponsive nanogels that undergo phase transition under endolysosomal conditions. Journal of Materials Chemistry B, 2017, 5, 866-874.	5.8	23
13	How are we applying nanogel composites in biomedicine?. Nanomedicine, 2017, 12, 1627-1630.	3.3	5
14	Overcoming drug resistance with on-demand charged thermoresponsive dendritic nanogels. Nanomedicine, 2017, 12, 117-129.	3.3	25
15	Fabrication of honeycomb films from highly functional dendritic structures: electrostatic force driven immobilization of biomolecules. Polymer Chemistry, 2016, 7, 4112-4120.	3.9	9
16	Immobilization of Stimuli-Responsive Nanogels onto Honeycomb Porous Surfaces and Controlled Release of Proteins. Langmuir, 2016, 32, 1854-1862.	3.5	35
17	Polymeric near-infrared absorbing dendritic nanogels for efficient in vivo photothermal cancer therapy. Nanoscale, 2016, 8, 5852-5856.	5.6	44
18	Responsive nanogels for application as smart carriers in endocytic pH-triggered drug delivery systems. European Polymer Journal, 2016, 78, 14-24.	5.4	48

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19	Stimuli-responsive nanogel composites and their application in nanomedicine. Chemical Society Reviews, 2015, 44, 6161-6186.	38.1	449
20	Chitosan-g-oligo(epsilon-caprolactone) polymeric micelles: microwave-assisted synthesis and physicochemical and cytocompatibility characterization. Journal of Materials Chemistry B, 2015, 3, 4853-4864.	5.8	28
21	Micro- and nanogels with labile crosslinks â€“ from synthesis to biomedical applications. Chemical Society Reviews, 2015, 44, 1948-1973.	38.1	298
22	In vitro toxicity evaluation of hydrogelâ€“carbon nanotubes composites on intestinal cells. Journal of Applied Polymer Science, 2015, 132, .	2.6	21
23	Thermosensitive dendritic polyglycerol-based nanogels for cutaneous delivery of biomacromolecules. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1179-1187.	3.3	74
24	Polyaniline nanoparticles for near-infrared photothermal destruction of cancer cells. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	28
25	Dendritic amphiphiles as additives for honeycomb-like patterned surfaces by breath figures: Role of the molecular characteristics on the pore morphology. Journal of Colloid and Interface Science, 2015, 440, 263-271.	9.4	21
26	pH-responsive hydrogels to protect IgY from gastric conditions: in vitro evaluation. Journal of Food Science and Technology, 2015, 52, 3117-3122.	2.8	12
27	Smart polyaniline nanoparticles with thermal and photothermal sensitivity. Nanotechnology, 2014, 25, 495602.	2.6	40
28	Pressure and microwave sensors/actuators based on smart hydrogel/conductive polymer nanocomposite. Sensors and Actuators B: Chemical, 2014, 190, 270-278.	7.8	84
29	Fabrication of thermoresponsive nanogels by thermo-nanoprecipitation and in situ encapsulation of bioactives. Polymer Chemistry, 2014, 5, 6909-6913.	3.9	56
30	Positively Charged Thermoresponsive Nanogels for Anticancer Drug Delivery. Macromolecular Chemistry and Physics, 2014, 215, 2414-2419.	2.2	42
31	Near-infrared mediated tumor destruction by photothermal effect of PANI-Npin vivo. Laser Physics, 2013, 23, 066004.	1.2	26
32	Smart surfaces: reversible switching of a polymeric hydrogel topography. Soft Matter, 2012, 8, 307-310.	2.7	24
33	Study on partition and release of molecules in superabsorbent thermosensitive nanocomposites. Polymer, 2012, 53, 445-453.	3.8	41
34	Nanocomposite synthesis by absorption of nanoparticles into macroporous hydrogels. Building a chemomechanical actuator driven by electromagnetic radiation. Nanotechnology, 2011, 22, 245504.	2.6	27
35	Effect of copolymerization and semi-interpenetration with conducting polyanilines on the physicochemical properties of poly(N-isopropylacrylamide) based thermosensitive hydrogels. European Polymer Journal, 2011, 47, 1977-1984.	5.4	84
36	Evidence of Hydrophobic Interactions Controlling Mobile Ions Release from Smart Hydrogels. Molecular Crystals and Liquid Crystals, 2010, 521, 265-271.	0.9	8