

# MarÃ-a A Molina

## List of Publications by Year in descending order

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36  
papers

1,742  
citations

346980

22  
h-index

388640

36  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2952  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pickering emulsions stabilized with <scp>PANI@NP</scp>. Study of the thermoresponsive behavior under heating and radiofrequency irradiation. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50625.	1.3	3
2	Electromagnetic radiation driving of volume changes in nanocomposites made of a thermosensitive hydrogel polymerized around conducting polymer nanoparticles. <i>RSC Advances</i> , 2020, 10, 9155-9164.	1.7	11
3	Remote radiofrequency triggering of topography changes in a surface micropatterned PANI@PNIPAM nanocomposite. <i>Applied Surface Science</i> , 2020, 509, 145370.	3.1	10
4	Smart Thermomechanochemical Composite Materials Driven by Different Forms of Electromagnetic Radiation. <i>Journal of Composites Science</i> , 2020, 4, 3.	1.4	5
5	Nanomaterials as Photothermal Agents for Biomedical Applications. <i>Science Reviews - From the End of the World</i> , 2020, 1, 24-46.	0.2	1
6	Synthesis of a Smart Conductive Block Copolymer Responsive to Heat and Near Infrared Light. <i>Polymers</i> , 2019, 11, 1744.	2.0	14
7	NIR- and thermo-responsive semi-interpenetrated polypyrrole nanogels for imaging guided combinational photothermal and chemotherapy. <i>Journal of Controlled Release</i> , 2019, 311-312, 147-161.	4.8	64
8	Nanocomposites based on pH-sensitive hydrogels and chitosan decorated carbon nanotubes with antibacterial properties. <i>Materials Science and Engineering C</i> , 2018, 90, 461-467.	3.8	40
9	Large Swelling Capacities of Crosslinked Poly(N-isopropylacrylamide) Gels in Organic Solvents. <i>MRS Advances</i> , 2018, 3, 3735-3740.	0.5	5
10	Semi-interpenetrated, dendritic, dual-responsive nanogels with cytochrome c corona induce controlled apoptosis in HeLa cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 130, 115-122.	2.0	11
11	Poly(N-isopropylacrylamide) Cross-Linked Gels as Intrinsic Amphiphilic Materials: Swelling Properties Used to Build Novel Interphases. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9038-9048.	1.2	26
12	Rational design of dendritic thermoresponsive nanogels that undergo phase transition under endolysosomal conditions. <i>Journal of Materials Chemistry B</i> , 2017, 5, 866-874.	2.9	23
13	How are we applying nanogel composites in biomedicine?. <i>Nanomedicine</i> , 2017, 12, 1627-1630.	1.7	5
14	Overcoming drug resistance with on-demand charged thermoresponsive dendritic nanogels. <i>Nanomedicine</i> , 2017, 12, 117-129.	1.7	25
15	Fabrication of honeycomb films from highly functional dendritic structures: electrostatic force driven immobilization of biomolecules. <i>Polymer Chemistry</i> , 2016, 7, 4112-4120.	1.9	9
16	Immobilization of Stimuli-Responsive Nanogels onto Honeycomb Porous Surfaces and Controlled Release of Proteins. <i>Langmuir</i> , 2016, 32, 1854-1862.	1.6	35
17	Polymeric near-infrared absorbing dendritic nanogels for efficient in vivo photothermal cancer therapy. <i>Nanoscale</i> , 2016, 8, 5852-5856.	2.8	44
18	Responsive nanogels for application as smart carriers in endocytic pH-triggered drug delivery systems. <i>European Polymer Journal</i> , 2016, 78, 14-24.	2.6	48

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19	Stimuli-responsive nanogel composites and their application in nanomedicine. <i>Chemical Society Reviews</i> , 2015, 44, 6161-6186.	18.7	449
20	Chitosan-g-oligo(epsilon-caprolactone) polymeric micelles: microwave-assisted synthesis and physicochemical and cytocompatibility characterization. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4853-4864.	2.9	28
21	Micro- and nanogels with labile crosslinks " from synthesis to biomedical applications. <i>Chemical Society Reviews</i> , 2015, 44, 1948-1973.	18.7	298
22	<i>In vitro</i> toxicity evaluation of hydrogel-carbon nanotubes composites on intestinal cells. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	21
23	Thermosensitive dendritic polyglycerol-based nanogels for cutaneous delivery of biomacromolecules. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1179-1187.	1.7	74
24	Polyaniline nanoparticles for near-infrared photothermal destruction of cancer cells. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	28
25	Dendritic amphiphiles as additives for honeycomb-like patterned surfaces by breath figures: Role of the molecular characteristics on the pore morphology. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 263-271.	5.0	21
26	pH-responsive hydrogels to protect IgY from gastric conditions: <i>in vitro</i> evaluation. <i>Journal of Food Science and Technology</i> , 2015, 52, 3117-3122.	1.4	12
27	Smart polyaniline nanoparticles with thermal and photothermal sensitivity. <i>Nanotechnology</i> , 2014, 25, 495602.	1.3	40
28	Pressure and microwave sensors/actuators based on smart hydrogel/conductive polymer nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2014, 190, 270-278.	4.0	84
29	Fabrication of thermoresponsive nanogels by thermo-nanoprecipitation and <i>in situ</i> encapsulation of bioactives. <i>Polymer Chemistry</i> , 2014, 5, 6909-6913.	1.9	56
30	Positively Charged Thermoresponsive Nanogels for Anticancer Drug Delivery. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 2414-2419.	1.1	42
31	Near-infrared mediated tumor destruction by photothermal effect of PANI-Np <i>in vivo</i> . <i>Laser Physics</i> , 2013, 23, 066004.	0.6	26
32	Smart surfaces: reversible switching of a polymeric hydrogel topography. <i>Soft Matter</i> , 2012, 8, 307-310.	1.2	24
33	Study on partition and release of molecules in superabsorbent thermosensitive nanocomposites. <i>Polymer</i> , 2012, 53, 445-453.	1.8	41
34	Nanocomposite synthesis by absorption of nanoparticles into macroporous hydrogels. Building a chemomechanical actuator driven by electromagnetic radiation. <i>Nanotechnology</i> , 2011, 22, 245504.	1.3	27
35	Effect of copolymerization and semi-interpenetration with conducting polyanilines on the physicochemical properties of poly(N-isopropylacrylamide) based thermosensitive hydrogels. <i>European Polymer Journal</i> , 2011, 47, 1977-1984.	2.6	84
36	Evidence of Hydrophobic Interactions Controlling Mobile Ions Release from Smart Hydrogels. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 521, 265-271.	0.4	8