

# Irati Barandiaran

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

176  
citations

1307594

7  
h-index

1125743

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocomposites with increased dielectric constant based on chitosan and nitrile-modified cellulose nanocrystals. <i>Carbohydrate Polymers</i> , 2018, 199, 20-30.	10.2	57
2	Combined Mesoscale/Experimental Study of Selective Placement of Magnetic Nanoparticles in Diblock Copolymer Films via Solvent Vapor Annealing. <i>Journal of Physical Chemistry C</i> , 2016, 120, 7403-7411.	3.1	18
3	Sonochemical production of nanoscaled crystalline cellulose using organic acids. <i>Green Chemistry</i> , 2020, 22, 4627-4639.	9.0	18
4	Generation of nanocomposites based on (PMMA-b-PCL)-grafted Fe <sub>2</sub> O <sub>3</sub> nanoparticles and PS-b-PCL block copolymer. <i>European Polymer Journal</i> , 2014, 58, 226-232.	5.4	16
5	Synthesis and characterization of nanostructured PS-b-P4VP/Fe <sub>2</sub> O <sub>3</sub> thin films with magnetic properties prepared by solvent vapor annealing. <i>RSC Advances</i> , 2015, 5, 95840-95846.	3.6	11
6	Tuning photoresponsive and dielectric properties of PVA/CdSe films by capping agent change. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 118, 194-201.	7.6	10
7	Selective placement of magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles into the lamellar nanostructure of PS-b-PMMA diblock copolymer. <i>European Polymer Journal</i> , 2015, 68, 57-67.	5.4	9
8	Nanocomposites based on nanostructured PI-b-PMMA copolymer and selectively placed PMMA-modified magnetic nanoparticles: Morphological and magnetic characterization. <i>European Polymer Journal</i> , 2016, 75, 514-524.	5.4	8
9	Electrically insulating polymeric nanocomposites with enhanced thermal conductivity by visible-light curing of epoxy-boron nitride nanotube formulations. <i>Polymer International</i> , 2017, 66, 1935-1939.	3.1	8
10	Magnetic nanocomposites based on poly(styrene- b -butadiene- b -methyl methacrylate) and modified Fe <sub>2</sub> O <sub>3</sub> nanoparticles. <i>European Polymer Journal</i> , 2016, 78, 340-351.	5.4	5
11	Thin Film Nanocomposites Based on SBM Triblock Copolymer and Silver Nanoparticles: Morphological and Dielectric Analysis. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1700169.	3.6	5
12	Photo-active chitosan-based hybrid films. <i>European Polymer Journal</i> , 2020, 122, 109373.	5.4	5
13	Effect of Fe <sub>2</sub> O <sub>3</sub> Nanoparticles on the Cross-Linking and Final Properties of PVA/Citric Acid-Based Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2020, 124, 5444-5451.	3.1	5
14	PI-b-PMMA diblock copolymers: nanostructure development in thin films and nanostructuring of thermosetting epoxy systems. <i>Colloid and Polymer Science</i> , 2013, 291, 2173-2180.	2.1	1
15	Morphological and magnetic properties of PS-b-PMMA diblock copolymer based nanocomposites. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
16	Blokezkko kopolimero eta nanopartikula magnetikoetan oinarritutako nanokonposatu film meheak: nanopartikulen dispersioaren eragina. <i>Ekaia (journal)</i> , 0, , 9-19.	0.0	0