

# Loredana Tammaro

## List of Publications by Year in descending order

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33  
papers

985  
citations

361296  
20  
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434063  
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33  
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docs citations

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times ranked

1422  
citing authors

#	ARTICLE	IF	CITATIONS
1	New Polymeric Composites Based on Poly( $\mu$ -caprolactone) and Layered Double Hydroxides Containing Antimicrobial Species. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 668-677.	4.0	131
2	Modified layered double hydroxides in polycaprolactone as a tunable delivery system: in vitro release of antimicrobial benzoate derivatives. <i>Applied Clay Science</i> , 2011, 52, 34-40.	2.6	77
3	Nano-hybrids incorporation into poly( $\mu$ -caprolactone) for multifunctional applications: Mechanical and barrier properties. <i>European Polymer Journal</i> , 2010, 46, 418-427.	2.6	73
4	Dispersion of modified layered double hydroxides in Poly(ethylene terephthalate) by High Energy Ball Milling for food packaging applications. <i>European Polymer Journal</i> , 2014, 52, 172-180.	2.6	50
5	Nanometric Dispersion of a Mg/Al Layered Double Hydroxide into a Chemically Modified Polycaprolactone. <i>Biomacromolecules</i> , 2007, 8, 773-779.	2.6	45
6	Fabrication and sustained release properties of poly( $\mu$ -caprolactone) electrospun fibers loaded with layered double hydroxide nanoparticles intercalated with amoxicillin. <i>Applied Clay Science</i> , 2013, 72, 104-109.	2.6	45
7	Transport properties of organic vapors in nanocomposites of isotactic polypropylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 1798-1805.	2.4	35
8	Methods of preparation of novel composites of poly( $\epsilon$ -caprolactone) and a modified Mg/Al hydrotalcite. <i>Journal of Polymer Science Part A</i> , 2005, 43, 2281-2290.	2.5	35
9	Effect of layered double hydroxide intercalated with fluoride ions on the physical, biological and release properties of a dental composite resin. <i>Journal of Dentistry</i> , 2014, 42, 60-67.	1.7	35
10	New nanohybrids of poly( $\epsilon$ -caprolactone) and a modified Mg/Al hydrotalcite: Mechanical and thermal properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 945-954.	2.4	34
11	Antibacterial Al-doped ZnO coatings on PLA films. <i>Journal of Materials Science</i> , 2020, 55, 4830-4847.	1.7	34
12	Encapsulation of Diclofenac Molecules into Poly( $\epsilon$ -Caprolactone) Electrospun Fibers for Delivery Protection. <i>Journal of Nanomaterials</i> , 2009, 2009, 1-8.	1.5	33
13	Influence of Cardanol Oil on the Properties of Poly(lactic acid) Films Produced by Melt Extrusion. <i>ACS Omega</i> , 2019, 4, 718-726.	1.6	29
14	Transport Properties of Water Vapor in Polylactide/Montmorillonite Nanocomposites. <i>Journal of Macromolecular Science - Physics</i> , 2004, 43, 565-575.	0.4	27
15	Amniotic epithelial stem cell biocompatibility for electrospun poly(lactide-co-glycolide), poly( $\mu$ -caprolactone), poly(lactic acid) scaffolds. <i>Materials Science and Engineering C</i> , 2016, 69, 321-329.	3.8	27
16	Active coating for storage of Mozzarella cheese packaged under thermal abuse. <i>Food Control</i> , 2016, 64, 10-16.	2.8	27
17	Polymorphic solidification of Linezolid confined in electrospun PCL fibers for controlled release in topical applications. <i>International Journal of Pharmaceutics</i> , 2015, 490, 32-38.	2.6	24
18	Electrospun fibers as potential carrier systems for enhanced drug release of perphenazine. <i>International Journal of Pharmaceutics</i> , 2016, 511, 190-197.	2.6	24

#	ARTICLE	IF	CITATIONS
19	Modified Hydrotalcite-Like Compounds as Active Fillers of Biodegradable Polymers for Drug Release and Food Packaging Applications. <i>Recent Patents on Nanotechnology</i> , 2012, 6, 218-230.	0.7	23
20	Fabrication, Physico-Chemical, and Pharmaceutical Characterization of Budesonide-Loaded Electrospun Fibers for Drug Targeting to the Colon. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3798-3803.	1.6	22
21	Fabrication and Characterization of Poly(lactic acid)/Poly( $\epsilon$ -caprolactone) Blend Electrospun Fibers Loaded with Amoxicillin for Tunable Delivering. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4706-4712.	0.9	19
22	Ag Functionalization of Al-Doped ZnO Nanostructured Coatings on PLA Substrate for Antibacterial Applications. <i>Coatings</i> , 2020, 10, 1238.	1.2	19
23	Sputter-Deposited Ag Nanoparticles on Electrospun PCL Scaffolds: Morphology, Wettability and Antibacterial Activity. <i>Coatings</i> , 2021, 11, 345.	1.2	18
24	Adipose-derived stem cells cultivated on electrospun l-lactide/glycolide copolymer fleece and gelatin hydrogels under flow conditions – aiming physiological reality in hypodermis tissue engineering. <i>Burns</i> , 2015, 41, 163-171.	1.1	17
25	Influence of the powder dimensions on the antimicrobial properties of modified layered double hydroxide. <i>Applied Clay Science</i> , 2013, 75-76, 46-51.	2.6	16
26	Preparation, Characterization and Antibacterial Activity of Poly( $\epsilon$ -caprolactone) Electrospun Fibers Loaded with Amoxicillin for Controlled Release in Biomedical Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 1717-1726.	0.9	16
27	Multifunctional Bioactive Resin for Dental Restorative Materials. <i>Polymers</i> , 2020, 12, 332.	2.0	13
28	Tungsten disulfide nanotubes enhance flow-induced crystallization and radio-opacity of polylactide without adversely affecting in vitro toxicity. <i>Acta Biomaterialia</i> , 2022, 138, 313-326.	4.1	8
29	Fabrication and biocompatibility analysis of flexible organic light emitting diodes on poly(lactic acid) substrates: toward the development of greener bio-electronic devices. <i>Polymers for Advanced Technologies</i> , 2022, 33, 1523-1532.	1.6	7
30	Fabrication and Characterization of Bio-Nanocomposites Based on Halloysite-Encapsulating Grapefruit Seed Oil in a Pectin Matrix as a Novel Bio-Coating for Strawberry Protection. <i>Nanomaterials</i> , 2022, 12, 1265.	1.9	7
31	Effect of tungsten disulfide nanotubes on crystallization of polylactide under uniaxial deformation and annealing. <i>Functional Composite Materials</i> , 2021, 2, .	0.9	6
32	Fabrication and characterization of electrospun polylactide/ $\beta$ -tricalcium phosphate hybrid meshes for potential applications in hard tissue repair. <i>BioNanoMaterials</i> , 2014, 15, .	1.4	5
33	Effect of tungsten disulfide (WS <sub>2</sub> ) nanotubes on structural, morphological and mechanical properties of poly(L-lactide) (PLLA) films. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	4