

MarÃ-a M Castillo-Ortega

List of Publications by Year in descending order

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471061

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1444
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyurethane electrospun membranes with <sc>hydroxyapatite</sc>vancomycin</sc> for potential application in bone tissue engineering and drug delivery. Journal of Applied Polymer Science, 2022, 139, 51893.	1.3	3
2	Electrospun cellulose acetate fibers for the photodecolorization of methylene blue solutions under natural sunlight. Polymer Bulletin, 2021, 78, 4419-4438.	1.7	16
3	Extrusion of polypropylene/chitosan/poly(lactic acid) films: Chemical, mechanical, and thermal properties. Journal of Applied Polymer Science, 2021, 138, 49850.	1.3	4
4	Electrospun tubes based on PLA, gelatin and genipin in different arrangements for blood vessel tissue engineering. Polymer Bulletin, 2020, 77, 5985-6003.	1.7	12
5	Study of the release kinetics of (â) epicatechin: Effect of its location within the fiber or sphere. Journal of Applied Polymer Science, 2019, 136, 47166.	1.3	1
6	Selective adsorption of gold and silver in bromine solutions by acetate cellulose composite membranes coated with polyaniline or polypyrrole. Polymer Bulletin, 2018, 75, 3241-3265.	1.7	13
7	Electrical, mechanical, and piezoresistive properties of carbon nanotubeâ polyaniline hybrid filled polydimethylsiloxane composites. Journal of Applied Polymer Science, 2017, 134, .	1.3	19
8	Preparation and Characterization of Extruded Composites Based on Polypropylene and Chitosan Compatibilized with Polypropylene-Graft-Maleic Anhydride. Materials, 2017, 10, 105.	1.3	17
9	DEGRADACIÃN ACELERADA DE PELÃCULAS DE POLIETILENO CON QUITOSANO COMPATIBILIZADAS CON ANHÃDRIDO MALÃ%ICO. Revista Internacional De Contaminacion Ambiental, 2017, 33, 99-107.	0.1	3
10	Preparation and Characterization of Coaxial Electrospun Fibers Containing Triclosan for Comparative Study of Release Properties with Amoxicillin and Epicatechin. Current Drug Delivery, 2016, 13, 49-56.	0.8	3
11	Enzyme mediated synthesis of polypyrrole in the presence of chondroitin sulfate and redox mediators of natural origin. Materials Science and Engineering C, 2016, 63, 650-656.	3.8	14
12	Grafting collagen on poly (lactic acid) by a simple route to produce electrospun scaffolds, and their cell adhesion evaluation. Tissue Engineering and Regenerative Medicine, 2016, 13, 375-387.	1.6	19
13	Photocatalytic properties of PMMAâTiO₂ class I and class II hybrid nanofibers obtained by electrospinning. Journal of Applied Polymer Science, 2016, 133, .	1.3	4
14	Selective adsorption of metallic complex using polyaniline or polypyrrole. Materials Chemistry and Physics, 2016, 182, 39-48.	2.0	9
15	Chemical polymerization of pyrrole in the presence of <sc>serine</sc> or <sc>glutamic acid</sc>: Electrically controlled amoxicillin release from composite hydrogel. Journal of Applied Polymer Science, 2015, 132, .	1.3	11
16	Preparation and Characterization of Films Extruded of Polyethylene/Chitosan Modified with Poly(lactic acid). Materials, 2015, 8, 137-148.	1.3	22
17	An inexpensive, rapid, safe, and recycling-favoring method for the fabrication of core/shell PVP/CdS composite fibers from a gasâsolid reaction between H2S vapor and electrospun PVP/CdCl2. Materials Science in Semiconductor Processing, 2015, 38, 257-265.	1.9	10
18	Preparation by coaxial electrospinning and characterization of membranes releasing (â) epicatechin as scaffold for tissue engineering. Materials Science and Engineering C, 2015, 46, 184-189.	3.8	22

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19	Chromochromic properties of neutral polyaniline throughout cholesterol exposure. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	4
20	Preparation of polyaniline submicro/nanostructures using l-glutamic acid: Loading and releasing studies of amoxicillin. <i>Synthetic Metals</i> , 2013, 184, 41-47.	2.1	11
21	Extruded films of blended chitosan, low density polyethylene and ethylene acrylic acid. <i>Carbohydrate Polymers</i> , 2013, 91, 666-674.	5.1	70
22	Synthesis by Emulsion Polymerization of Poly(butyl acrylate-co-silver acrylate) Ionomers and Evaluation of their Possible Applications. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 876-884.	1.2	2
23	Amoxicillin embedded in cellulose acetate-poly (vinyl pyrrolidone) fibers prepared by coaxial electrospinning: Preparation and characterization. <i>Materials Letters</i> , 2012, 76, 250-254.	1.3	34
24	A kinetic model for the adsorption of gold from 2×10^{-2} solutions onto a porous polymer membrane. <i>Journal of Applied Polymer Science</i> , 2012, 124, 1695-1706.	1.3	0
25	pH- and temperature-sensitive semi-interpenetrating network hydrogels composed of poly(acrylamide) and poly(β -glutamic acid) as amoxicillin controlled-release system. <i>Polymer Bulletin</i> , 2012, 68, 197-207.	1.7	12
26	Piezo-resistance effect in composite based on cross-linked polydimethylsiloxane and polyaniline: potential pressure sensor application. <i>Journal of Materials Science</i> , 2012, 47, 1794-1802.	1.7	21
27	Preparation, characterization and release of amoxicillin from cellulose acetate and poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1772-1778.	3.8	65
28	Adsorption and desorption of a gold-iodide complex onto cellulose acetate membrane coated with polyaniline or polypyrrole: a comparative study. <i>Journal of Materials Science</i> , 2011, 46, 7466-7474.	1.7	20
29	Antimicrobial activity of chitosan nanofibers obtained by electrospinning. <i>Polymer International</i> , 2011, 60, 1663-1669.	1.6	51
30	Compatibilization of polyethylene/polyaniline blends with polyethylene-graft-maleic anhydride. <i>Journal of Applied Polymer Science</i> , 2011, 119, 2895-2901.	1.3	23
31	Synthesis and swelling properties of pH- and temperature-sensitive interpenetrating polymer networks composed of polyacrylamide and poly(β -glutamic acid). <i>Journal of Applied Polymer Science</i> , 2011, 119, 3531-3537.	1.3	13
32	Fibrous membranes of cellulose acetate and poly(vinyl pyrrolidone) by electrospinning method: Preparation and characterization. <i>Journal of Applied Polymer Science</i> , 2010, 116, 1873-1878.	1.3	11
33	Preparation, characterization, and adsorption properties of cellulose acetate-polyaniline membranes. <i>Journal of Applied Polymer Science</i> , 2009, 111, 1216-1224.	1.3	28
34	Adsorption of a gold-iodide complex (2×10^{-2}) onto cellulose acetate-polyaniline membranes: Equilibrium experiments. <i>Journal of Applied Polymer Science</i> , 2009, 113, 2670-2674.	1.3	14
35	Electrical, mechanical and piezo-resistive behavior of a polyaniline/poly(n-butyl methacrylate) composite. <i>Composites Part A: Applied Science and Manufacturing</i> , 2009, 40, 1573-1579.	3.8	37
36	Synthesis and characterization of composites of DBSA-doped polyaniline and polystyrene-based ionomers. <i>Composites Part A: Applied Science and Manufacturing</i> , 2007, 38, 639-645.	3.8	36

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37	Urea sensing film prepared by extrusion from DBSA-doped polyaniline-poly(styrene-co-potassium) Tj ETQq1 1 0.784314 rgBT /Overloc	4.0	12
38	Effect of Chitosan and Temperature on Spore Germination of <i>Aspergillus niger</i> . <i>Macromolecular Bioscience</i> , 2003, 3, 582-586.	2.1	133
39	Electrically conducting polyaniline-PBMA composite films obtained by extrusion. <i>Journal of Applied Polymer Science</i> , 2003, 89, 179-183.	1.3	19
40	Conductometric uric acid and urea biosensor prepared from electroconductive polyaniline-poly(n-butyl methacrylate) composites. <i>Sensors and Actuators B: Chemical</i> , 2002, 85, 19-25.	4.0	113
41	Synthesis and characterization of difluor-aniline polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002, 40, 2130-2136.	2.4	10
42	Preparation and characterization of electroconductive polypyrrole-thermoplastic composites. <i>Journal of Applied Polymer Science</i> , 2001, 81, 1498-1506.	1.3	10