

Jorge Romero-Garcia

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,180
citations

471061

17
h-index

377514

34
g-index

40
all docs

40
docs citations

40
times ranked

1735
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissociation of cephamycin and clavulanic acid biosynthesis in <i>Streptomyces clavuligerus</i> . <i>Applied Microbiology and Biotechnology</i> , 1984, 20, 318-325.	1.7	112
2	Encapsulation and immobilization of papain in electrospun nanofibrous membranes of PVA cross-linked with glutaraldehyde vapor. <i>Materials Science and Engineering C</i> , 2015, 52, 306-314.	3.8	94
3	β -Polyglutamic acid/chitosan nanoparticles for the plant growth regulator gibberellic acid: Characterization and evaluation of biological activity. <i>Carbohydrate Polymers</i> , 2017, 157, 1862-1873.	5.1	83
4	Template-free enzymatic synthesis of electrically conducting polyaniline using soybean peroxidase. <i>European Polymer Journal</i> , 2005, 41, 1129-1135.	2.6	82
5	Novel antibacterial electrospun mats based on poly(D,L-lactide) nanofibers and zinc oxide nanoparticles. <i>Journal of Materials Science</i> , 2014, 49, 8373-8385.	1.7	69
6	Biomimetic polymerization of aniline using hematin supported on halloysite nanotubes. <i>Applied Catalysis A: General</i> , 2010, 381, 267-273.	2.2	65
7	Preparation, characterization and release of amoxicillin from cellulose acetate and poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 1772-1778.	3.8	65
8	Electrospinning and electro spraying techniques for designing novel antibacterial poly(3-hydroxybutyrate)/zinc oxide nanofibrous composites. <i>Journal of Materials Science</i> , 2016, 51, 8593-8609.	1.7	61
9	pH- and Thermosensitive Polyaniline Colloidal Particles Prepared by Enzymatic Polymerization. <i>Langmuir</i> , 2007, 23, 8-12.	1.6	60
10	Enzymatic synthesis of colloidal polyaniline particles. <i>Polymer</i> , 2006, 47, 1563-1568.	1.8	54
11	Control release of lactate dehydrogenase encapsulated in poly (vinyl alcohol) nanofibers via electrospinning. <i>European Polymer Journal</i> , 2011, 47, 1264-1272.	2.6	53
12	Study of cross-linking of gelatin by ethylene glycol diglycidyl ether. <i>Materials Letters</i> , 2008, 62, 3656-3658.	1.3	51
13	Morphology, phase continuity and mechanical behaviour of polyamide 6/chitosan blends. <i>Polymer</i> , 1999, 40, 1657-1666.	1.8	44
14	Synthesis and swelling characteristics of semi-interpenetrating polymer network hydrogels composed of poly(acrylamide) and poly(β -glutamic acid). <i>Materials Letters</i> , 2006, 60, 1390-1393.	1.3	35
15	Preparation and characterization of Polyethylene/Clay/Silver nanocomposites using functionalized polyethylenes as an adhesion promoter. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 1911-1923.	1.4	30
16	Enzymatic synthesis of pH-responsive polyaniline colloids by using chitosan as steric stabilizer. <i>European Polymer Journal</i> , 2007, 43, 3471-3479.	2.6	21
17	Isolation and biochemical characterization of <i>Streptomyces clavuligerus</i> mutants in the biosynthesis of clavulanic acid and cephamycin C. <i>Applied Microbiology and Biotechnology</i> , 1988, 27, 510-516.	1.7	20
18	Pectinesterase extraction from Mexican lime (<i>Citrus aurantifolia</i> Swingle) and prickly pear (<i>Opuntia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.2	16

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19	Morphology, thermal, and mechanical properties of polypropylene/polyaniline coated short glass fiber composites. <i>Journal of Applied Polymer Science</i> , 2007, 105, 2387-2395.	1.3	16
20	Partial purification, characterization and nitrogen regulation of the lysine α -aminotransferase of <i>Streptomyces clavuligerus</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 1997, 18, 241-246.	1.4	15
21	Layer-by-layer assembled films of a rigid poly(phenyl-ethynylene) and alternate poly(phenyl-ethynylene)/poly(aniline). <i>Synthetic Metals</i> , 2003, 139, 155-161.	2.1	12
22	Immobilization of the enzyme β -lactamase by self-assembly on thin films of a poly(phenyleneethynylene) sequenced with flexible segments containing sulfur atoms. <i>Materials Science and Engineering C</i> , 2007, 27, 787-793.	3.8	12
23	Nanostructured Pure and Substituted Cobalt Ferrites: Fabrication by Electrospinning and Study of Their Magnetic Properties. <i>Journal of Alloys and Compounds</i> , 2015, 653, 290-297.	2.8	11
24	Supramolecular Recognition of <i>Escherichia coli</i> Bacteria by Fluorescent Oligo(Phenyleneethynylene)s with Mannopyranoside Termini Groups. <i>Sensors</i> , 2017, 17, 1025.	2.1	11
25	Fluorescent core-sheath fibers by electrospinning of a phenyleneethynylene/poly(styrene-co-maleimide) blend. <i>Polymer</i> , 2011, 52, 5326-5334.	1.8	10
26	Dodecanoxy-phenylethynylene oligomers for light emitting diodes. <i>Synthetic Metals</i> , 2004, 147, 267-270.	2.1	9
27	Nucleation activity of polyaniline coated short glass fiber towards isotactic polypropylene. <i>Journal of Materials Science</i> , 2005, 40, 5107-5109.	1.7	9
28	Layer-by-layer films of enzymatically synthesized poly(aniline)/bacterial poly(β -glutamic acid) for the construction of nanocapacitors. <i>European Polymer Journal</i> , 2007, 43, 1672-1680.	2.6	8
29	Synthesis and photophysical and supramolecular study of β -conjugated (diethylene glycol methyl) Tj ETQq1 1 0.784314 rgB _g /Overlock	1.9	8
30	Development of stained polymeric nanocapsules loaded with model drugs: Use of a fluorescent poly(phenyleneethynylene). <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 442-449.	2.5	8
31	Candelilla Wax as Natural Slow-Release Matrix for Fertilizers Encapsulated by Spray Chilling. <i>Journal of Renewable Materials</i> , 2017, , .	1.1	8
32	Preparation of Electrospun Barium Titanate α - Polyvinylidene Fluoride Piezoelectric Membranes. <i>Materials Science Forum</i> , 0, 644, 33-37.	0.3	7
33	Radical addition polymerization: Enzymatic template-free synthesis of conjugated polymers and their nanostructure fabrication. <i>Methods in Enzymology</i> , 2019, 627, 321-337.	0.4	7
34	In Situ Production of Polymer-Capped Silver Nanoparticles for Optical Biosensing. <i>Macromolecular Symposia</i> , 2009, 283-284, 167-173.	0.4	4
35	Extrusion of polypropylene/chitosan/poly(lactic acid) films: Chemical, mechanical, and thermal properties. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49850.	1.3	4
36	Controlled Release of Chlorogenic Acid from Polyvinyl Alcohol/Poly(β -Glutamic Acid) Blended Electrospun Nanofiber Mats with Potential Applications in Diabetic Foot Treatment. <i>Polymers</i> , 2021, 13, 2943.	2.0	3

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37	Polyamide-6/Chitosan Blends. Preliminary Results. Journal of Polymer Engineering, 1997, 17, .	0.6	1
38	Optical and morphological properties of self assembled thin films of poly[1,6-di(N-carbazolyl)2,4-hexadiyne]. Synthetic Metals, 2003, 139, 561-564.	2.1	1
39	Collagen Scaffold Derived from Tilapia (<i>Oreochromis niloticus</i>) Skin: Obtention, Structural and Physico-chemical Properties. Journal of Aquatic Food Product Technology, 2022, 31, 374-387.	0.6	1
40	Solid state films of two urethane polycarbazoldiacetylenes with methylene spacers between the urethane moiety and the diacetylene backbone. Polymer Bulletin, 2005, 53, 269-275.	1.7	0