# Jordi PuiggalÃ- i Bellalta

List of Publications by Year
in descending order



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|---|---|---|---|
| 322 papers | 6,612 citations | 87401 40 h-index | 139680 61 g-index |
| 328 all docs | 328 docs citations | 328 times ranked | 7028 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Electrospun scaffolds for wound healing applications from poly(4â€hydroxybutyrate): A biobased and biodegradable linear polymer with high elastomeric properties. Journal of Applied Polymer Science, 2022, 139, 51447. | 1.3 | 3 |
| 2 | Incorporation of Functionalized Calcium Phosphate Nanoparticles in Living Cells. Journal of Cluster Science, 2022, 33, 2781-2795. | 1.7 | 3 |
| 3 | Medicated Scaffolds Prepared with Hydroxyapatite/Streptomycin Nanoparticles Encapsulated into Polylactide Microfibers. International Journal of Molecular Sciences, 2022, 23, 1282. | 1.8 | 7 |
| 4 | Novel Biobased Epoxy Thermosets and Coatings from Poly(limonene carbonate) Oxide and Synthetic Hardeners. ACS Sustainable Chemistry and Engineering, 2022, 10, 2708-2719. | 3.2 | 21 |
| 5 | Drug-Biopolymer Dispersions: Morphology- and Temperature- Dependent (Anti)Plasticizer Effect of the Drug and Component-Specific Johariâ€“Goldstein Relaxations. International Journal of Molecular Sciences, 2022, 23, 2456. | 1.8 | 8 |
| 6 | Antibacterial Hydrogels Derived from Poly(Î³-glutamic acid) Nanofibers. Gels, 2022, 8, 120. | 2.1 | 8 |
| 7 | Biobased Terpene Derivatives: Stiff and Biocompatible Compounds to Tune Biodegradability and Properties of Poly(butylene succinate). Polymers, 2022, 14, 161. | 2.0 | 6 |
| 8 | Microâ€•and Nanotexturization of Liquid Silicone Rubber Surfaces by Injection Molding Using Hybrid Polymer Inlays. Macromolecular Materials and Engineering, 2022, 307, 2100741. | 1.7 | 2 |
| 9 | Poly(butylene succinate) matrices obtained by thermally-induced phase separation: Pore shape and orientation affect drug release. Polymer, 2022, 252, 124916. | 1.8 | 5 |
| 10 | Self-assembly of supramolecular chemoenzymatic poly-l-phenylalanine. Polymer Chemistry, 2021, 12, 1199-1209. | 1.9 | 8 |
| 11 | Hydroxyapatite Based Polymer Composites for Regenerative Medicine Applications. , 2021, , 785-803. | | 0 |
| 12 | Melt Electrospinning of Polymers: Blends, Nanocomposites, Additives and Applications. Applied Sciences (Switzerland), 2021, 11, 1808. | 1.3 | 33 |
| 13 | Recent Progress on Biodegradable Tissue Engineering Scaffolds Prepared by Thermally-Induced Phase Separation (TIPS). International Journal of Molecular Sciences, 2021, 22, 3504. | 1.8 | 50 |
| 14 | Optimization of permanently polarized hydroxyapatite catalyst. Implications for the electrophotosynthesis of amino acids by nitrogen and carbon fixation. Journal of Catalysis, 2021, 397, 98-107. | 3.1 | 10 |
| 15 | A pHâ€Triggered Polymer Degradation or Drug Delivery System by Lightâ€Mediated Cis / Trans Isomerization of o â€Hydroxy Cinnamates. Macromolecular Rapid Communications, 2021, 42, 2100213. | 2.0 | 7 |
| 16 | Aliphatic polyamides (nylons): Interplay between hydrogen bonds and crystalline structures, polymorphic transitions and crystallization. Polymer Crystallization, 2021, 4, e10199. | 0.5 | 9 |
| 17 | Nanoparticle-driven self-assembling injectable hydrogels provide a multi-factorial approach for chronic wound treatment. Acta Biomaterialia, 2021, 134, 131-143. | 4.1 | 42 |
| 18 | Recycled Porcine Bone Powder as Filler in Thermoplastic Composite Materials Enriched with Chitosan for a Bone Scaffold Application. Polymers, 2021, 13, 2751. | 2.0 | 3 |

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| 19 | Chloramphenicol loaded polylactide melt electrospun scaffolds for biomedical applications. International Journal of Pharmaceutics, 2021, 606, 120897. | 2.6 | 4 |
| 20 | Hydrolytic and enzymatic degradation of biobased poly(4-hydroxybutyrate) films. Selective etching of spherulites. Polymer Degradation and Stability, 2021, 183, 109451. | 2.7 | 11 |
| 21 | Permanently polarized hydroxyapatite for selective electrothermal catalytic conversion of carbon dioxide into ethanol. Chemical Communications, 2021, 57, 5163-5166. | 2.2 | 14 |
| 22 | Controlled Anisotropic Growth of Hydroxyapatite by Additive-Free Hydrothermal Synthesis. Crystal Growth and Design, 2021, 21, 748-756. | 1.4 | 18 |
| 23 | Efficient Oneâ€Pot Preparation of Thermoresponsive Polyurethanes with Lower Critical Solution Temperatures. ChemPlusChem, 2021, 86, 1570-1576. | 1.3 | 2 |
| 24 | Poly(aspartic acid) Biohydrogel as the Base of a New Hybrid Conducting Material. International Journal of Molecular Sciences, 2021, 22, 13165. | 1.8 | 3 |
| 25 | Crystallization kinetics of chain extended poly(L-lactide)s having different molecular structures. Materials Chemistry and Physics, 2020, 240, 122217. | 2.0 | 8 |
| 26 | Improvement of Biodegradability and Biocompatibility of Electrospun Scaffolds of Poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 | 1.0 | 3 |
| 27 | Biohydrogel from unsaturated polyesteramide: Synthesis, properties and utilization as electrolytic medium for electrochemical supercapacitors. Polymer Testing, 2020, 82, 106300. | 2.3 | 9 |
| 28 | Effect of curcumin on thermal degradation of poly(glycolic acid) and poly(Îµ-caprolactone) blends. Thermochimica Acta, 2020, 693, 178764. | 1.2 | 7 |
| 29 | Biomimetic Hybrid Systems for Tissue Engineering. Biomimetics, 2020, 5, 49. | 1.5 | 18 |
| 30 | Breaking-down the catalyst used for the electrophotosynthesis of amino acids by nitrogen and carbon fixation. Journal of Catalysis, 2020, 389, 646-656. | 3.1 | 12 |
| 31 | Nanofeatures affect the thermal transitions of polymer thin films: a microcantilever-based investigation. Materials Advances, 2020, 1, 2084-2094. | 2.6 | 4 |
| 32 | Doped photo-crosslinked polyesteramide hydrogels as solid electrolytes for supercapacitors. Soft Matter, 2020, 16, 8033-8046. | 1.2 | 10 |
| 33 | Microstructural Changes during Degradation of Biobased Poly(4-hydroxybutyrate) Sutures. Polymers, 2020, 12, 2024. | 2.0 | 2 |
| 34 | Smart design for a flexible, functionalized and electroresponsive hybrid platform based on poly(3,4-ethylenedioxythiophene) derivatives to improve cell viability. Journal of Materials Chemistry B, 2020, 8, 8864-8877. | 2.9 | 14 |
| 35 | Development of an antimicrobial and antioxidant hydrogel/nano-electrospun wound dressing. RSC Advances, 2020, 10, 30508-30518. | 1.7 | 12 |
| 36 | Poly(hydroxybutyrate-co-hydroxyvalerate) Porous Matrices from Thermally Induced Phase Separation. Polymers, 2020, 12, 2787. | 2.0 | 6 |

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| 37 | Heterochirality Restricts the Self-Assembly of Phenylalanine Dipeptides Capped with Highly Aromatic Groups. Journal of Physical Chemistry B, 2020, 124, 5913-5918. | 1.2 | 11 |
| 38 | Biodegradable Polylactide Scaffolds with Pharmacological Activity by Means of Ultrasound Micromolding Technology. Applied Sciences (Switzerland), 2020, 10, 3106. | 1.3 | 6 |
| 39 | Biphasic polylactide/polyamide 6,10 blends: Influence of composition on polyamide structure and polyester crystallization. Polymer, 2020, 202, 122676. | 1.8 | 11 |
| 40 | Analysis of nitrogen fixation by a catalyst capable of transforming N2, CO2 and CH4 into amino acids under mild reactions conditions. Applied Catalysis A: General, 2020, 596, 117526. | 2.2 | 9 |
| 41 | Poly(gallic acid)-coated polycaprolactone inhibits oxidative stress in epithelial cells. Materials Science and Engineering C, 2020, 115, 111154. | 3.8 | 11 |
| 42 | Hydrogels and bionanocomposites from peptide self-assembly. EXPRESS Polymer Letters, 2020, 14, 205-205. | 1.1 | 0 |
| 43 | Phase-selective conductivity enhancement and cooperativity length in PLLA/TPU nanocomposite blends with carboxylated carbon nanotubes. Polymer, 2020, 191, 122279. | 1.8 | 8 |
| 44 | Thermoresponsive Shapeâ€Memory Hydrogel Actuators Made by Phototriggered Click Chemistry. Advanced Functional Materials, 2020, 30, 2001683. | 7.8 | 29 |
| 45 | Artificial Polymers made of Î±-amino Acids - Poly(Amino Acid)s, Pseudo-Poly(Amino Acid)s, Poly(Depsipeptide)s, and Pseudo-Proteins. Current Pharmaceutical Design, 2020, 26, 566-593. | 0.9 | 13 |
| 46 | Isothermal Crystallization Kinetics of Poly(4-hydroxybutyrate) Biopolymer. Materials, 2019, 12, 2488. | 1.3 | 10 |
| 47 | Biominerals Formed by DNA and Calcium Oxalate or Hydroxyapatite: A Comparative Study. Langmuir, 2019, 35, 11912-11922. | 1.6 | 4 |
| 48 | Reactive melt processing of poly (L-lactide) in the presence of thermoplastic polyurethane and carboxylated carbon nanotubes. Journal of Materials Science, 2019, 54, 14961-14974. | 1.7 | 12 |
| 49 | Electrically Polarized Hydroxyapatite: Influence of the Polarization Process on the Microstructure and Properties. Langmuir, 2019, 35, 14782-14790. | 1.6 | 18 |
| 50 | Incorporation of Chloramphenicol Loaded Hydroxyapatite Nanoparticles into Polylactide. International Journal of Molecular Sciences, 2019, 20, 5056. | 1.8 | 11 |
| 51 | Non-Isothermal Crystallization Kinetics of Poly(4-Hydroxybutyrate) Biopolymer. Molecules, 2019, 24, 2840. | 1.7 | 14 |
| 52 | Amorphous binary dispersions of chloramphenicol in enantiomeric pure and racemic poly-lactic acid: Morphology, molecular relaxations, and controlled drug release. International Journal of Pharmaceutics, 2019, 568, 118565. | 2.6 | 13 |
| 53 | Library of Cationic Polymers Composed of Polyamines and Arginine as Gene Transfection Agents. ACS Omega, 2019, 4, 2090-2101. | 1.6 | 22 |
| 54 | Influence of the atmosphere conditions in the structure, properties and solubility of fluorine-substituted hydroxyapatites. Materials Chemistry and Physics, 2019, 226, 279-289. | 2.0 | 8 |

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| 55 | Scaffolds for Sustained Release of Ambroxol Hydrochloride, a Pharmacological Chaperone That Increases the Activity of Misfolded Î²â€Glucocerebrosidase. Macromolecular Bioscience, 2019, 19, 1900130. | 2.1 | 4 |
| 56 | Amyloid fibrils from organic solutions of an amphiphilic dipeptide. Chemical Communications, 2019, 55, 8556-8559. | 2.2 | 5 |
| 57 | Preparation of Medicated Polylactide Micropieces by Means of Ultrasonic Technology. Applied Sciences (Switzerland), 2019, 9, 2360. | 1.3 | 10 |
| 58 | Peptide Self-Assembly into Hydrogels for Biomedical Applications Related to Hydroxyapatite. Gels, 2019, 5, 14. | 2.1 | 42 |
| 59 | Crystalline Structures and Structural Transitions of Copolyamides Derived from 1,4-Diaminobutane and Different Ratios of Glutaric and Azelaic Acids. Polymers, 2019, 11, 572. | 2.0 | 5 |
| 60 | Electrospun Conducting and Biocompatible Uniaxial and Coreâ€“Shell Fibers Having Poly(lactic acid), Poly(ethylene glycol), and Polyaniline for Cardiac Tissue Engineering. ACS Omega, 2019, 4, 3660-3672. | 1.6 | 74 |
| 61 | Segmental relaxation and partial crystallization of chainâ€extended Poly(<scp>l</scp>â€lactic acid) reinforced with carboxylated carbon nanotube. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 222-233. | 2.4 | 13 |
| 62 | Nanocomposites based on chain extended poly(<scp>l</scp>-lactic acid)/carboxylated carbon nanotubes: Crystallization kinetics and lamellar morphology. Journal of Composite Materials, 2019, 53, 2131-2147. | 1.2 | 9 |
| 63 | Other Miscellaneous Materials and Their Nanocomposites. , 2019, , 353-398. | | 2 |
| 64 | Nucleating and retarding effects of nanohydroxyapatite on the crystallization of poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 Calorimetry, 2019, 137, 421-435. | 2.0 | 6 |
| 65 | Dualâ€Functionalization Device for Therapy through Dopamine Release and Monitoring. Macromolecular Bioscience, 2018, 18, e1800014. | 2.1 | 14 |
| 66 | Hydroxyapatite with Permanent Electrical Polarization: Preparation, Characterization, and Response against Inorganic Adsorbates. ChemPhysChem, 2018, 19, 1746-1755. | 1.0 | 21 |
| 67 | Rigid amorphous phase and constrained polymer chains in poly(Lâ€lactide) nanocomposites with carboxylated carbon nanotubes prepared via reactive melt mixing. Polymer Composites, 2018, 39, E1280. | 2.3 | 14 |
| 68 | Sustainable synthesis of amino acids by catalytic fixation of molecular dinitrogen and carbon dioxide. Green Chemistry, 2018, 20, 685-693. | 4.6 | 26 |
| 69 | Grafting of Hydroxyapatite for Biomedical Applications. , 2018, , 45-80. | | 8 |
| 70 | Flexible Electrodes for Supercapacitors Based on the Supramolecular Assembly of Biohydrogel and Conducting Polymer. Journal of Physical Chemistry C, 2018, 122, 1078-1090. | 1.5 | 47 |
| 71 | Tunable Drug Loading and Reinforcement of Polycaprolactone Films by Means of Electrospun Nanofibers of Glycolide Segmented Copolymers. Macromolecular Materials and Engineering, 2018, 303, 1700401. | 1.7 | 3 |
| 72 | Comparison of nanocrystals and nanofibers produced from shrimp shell Î±-chitin: From energy production to material cytotoxicity and Pickering emulsion properties. Carbohydrate Polymers, 2018, 196, 385-397. | 5.1 | 95 |

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| 73 | Prototyping flexible supercapacitors produced with biohydrogel. Materials Today Communications, 2018, 16, 60-70. | 0.9 | 11 |
| 74 | Cooperative rearranging region and dynamical heterogeneity of nanocomposites in poly(l-lactide) and functionalized carbon nanotubes systems. Thermochimica Acta, 2018, 667, 35-41. | 1.2 | 10 |
| 75 | 2. Close Contacts at the interface: Experimental-computational synergies for solving complexity problems. , 2018, , 53-80. | | 0 |
| 76 | New amino acid based biodegradable poly(ester amide)s via bis-azlactone chemistry. Journal of Macromolecular Science - Pure and Applied Chemistry, 2018, 55, 677-690. | 1.2 | 3 |
| 77 | Amyloid-like Fibrils from a Diphenylalanine Capped with an Aromatic Fluorenyl. Langmuir, 2018, 34, 15551-15559. | 1.6 | 10 |
| 78 | Close contacts at the interface: Experimental-computational synergies for solving complexity problems. ChemistrySelect, 2018, 3, . | 0.7 | 1 |
| 79 | Potential of ultrasound technology for the preparation of microdevices. EXPRESS Polymer Letters, 2018, 12, 284-284. | 1.1 | 1 |
| 80 | Simulation basis for a techno-economic evaluation of chitin nanomaterials production process using Aspen PlusÂ® software. Data in Brief, 2018, 20, 1556-1560. | 0.5 | 7 |
| 81 | Bio-based aliphatic polyesters from dicarboxylic acids and related sugar and amino acid derivatives. , 2018, , 317-349. | | 2 |
| 82 | Tuning the Kinetic Stability of the Amorphous Phase of the Chloramphenicol Antibiotic. Molecular Pharmaceutics, 2018, 15, 5615-5624. | 2.3 | 10 |
| 83 | Scaffolds with Tunable Properties Constituted by Electrospun Nanofibers of Polyglycolide and Poly(îµâ€caprolactone). Macromolecular Materials and Engineering, 2018, 303, 1800100. | 1.7 | 9 |
| 84 | Loading of Antibiotic into Biocoated Hydroxyapatite Nanoparticles: Smart Antitumor Platforms with Regulated Release. ACS Biomaterials Science and Engineering, 2018, 4, 3234-3245. | 2.6 | 22 |
| 85 | Hybrid Polypeptide/Polylactide Copolymers with Short Phenylalanine Blocks. Macromolecular Chemistry and Physics, 2018, 219, 1800168. | 1.1 | 9 |
| 86 | Isomeric cationic ionenes as n-dopant agents of poly(3,4-ethylenedioxythiophene) for in situ gelation. Soft Matter, 2018, 14, 6374-6385. | 1.2 | 8 |
| 87 | Antimicrobial Activity of Poly(ester urea) Electrospun Fibers Loaded with Bacteriophages. Fibers, 2018, 6, 33. | 1.8 | 19 |
| 88 | Thermally Induced Structural Transitions of Nylon 4 9 as a New Example of Evenâ€“Odd Polyamides. Polymers, 2018, 10, 198. | 2.0 | 7 |
| 89 | Improving Opinion Analysis Through Statistical Disclosure Control in eVoting Scenarios. Lecture Notes in Computer Science, 2018, , 45-59. | 1.0 | 0 |
| 90 | Incorporation of chloramphenicol and captopril into poly(GL)â€bâ€poly(GLâ€coâ€TMCâ€coâ€CL)â€bâ€poly(GL) monofilar surgical sutures. Journal of Applied Polymer Science, 2017, 134, . | 1.3 | 0 |

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| 91 | Poly-Î³-glutamic Acid Hydrogels as Electrolyte for Poly(3,4-ethylenedioxythiophene)-Based Supercapacitors. Journal of Physical Chemistry C, 2017, 121, 3182-3193. | 1.5 | 26 |
| 92 | Surface Mediated Hierarchical Assemblies of Highly Hydrophobic Phenylalanineâ€Based Peptides. ChemistrySelect, 2017, 2, 1133-1139. | 0.7 | 7 |
| 93 | Biodegradable nanofibrous scaffolds as smart delivery vehicles for amino acids. Journal of Applied Polymer Science, 2017, 134, . | 1.3 | 4 |
| 94 | Thermal degradation of random copolyesters based on 1,4-butanediol, terepthalic acid and different aliphatic dicarboxylic acids. Thermochimica Acta, 2017, 654, 101-111. | 1.2 | 4 |
| 95 | Effect of Solvent Choice on the Selfâ€Assembly Properties of a Diphenylalanine Amphiphile Stabilized by an Ion Pair. ChemPhysChem, 2017, 18, 1888-1896. | 1.0 | 17 |
| 96 | Diversity and Hierarchy in Supramolecular Assemblies of Triphenylalanine: From Laminated Helical Ribbons to Toroids. Langmuir, 2017, 33, 4036-4048. | 1.6 | 31 |
| 97 | Crystal polymorphism of polylactides and poly(Pro- alt -CO): The metastable beta and gamma phases. Formation of homochiral PLLA phases in the PLLA/PDLA blends. Polymer, 2017, 115, 204-210. | 1.8 | 24 |
| 98 | Growth of epithelial cells on films of enzymatically synthesized poly(gallic acid) crosslinked to carboxymethylcellulose. RSC Advances, 2017, 7, 17660-17669. | 1.7 | 9 |
| 99 | Preparation of random poly(butylene alkylate-co-terephthalate)s with different methylene group contents: crystallization and degradation kinetics. Journal of Polymer Research, 2017, 24, 1. | 1.2 | 1 |
| 100 | Verifiability Experiences in Government Online Voting Systems. Lecture Notes in Computer Science, 2017, , 248-263. | 1.0 | 6 |
| 101 | Self-assembly of diphenylalanine with preclick components as capping groups. Physical Chemistry Chemical Physics, 2017, 19, 27038-27051. | 1.3 | 8 |
| 102 | Biodegradability and biocompatibility of copoly(butylene sebacate-co-terephthalate)s. Polymer Degradation and Stability, 2017, 135, 18-30. | 2.7 | 21 |
| 103 | Incorporation of biguanide compounds into poly(GL)-b-poly(GL-co-TMC-co-CL)-b-poly(GL) monofilament surgical sutures. Materials Science and Engineering C, 2017, 71, 629-640. | 3.8 | 10 |
| 104 | Preparation of Nanocomposites of Poly(Îµ-caprolactone) and Multi-Walled Carbon Nanotubes by Ultrasound Micro-Molding. Influence of Nanotubes on Melting and Crystallization. Polymers, 2017, 9, 322. | 2.0 | 19 |
| 105 | Hydrogels for Biomedical Applications: Cellulose, Chitosan, and Protein/Peptide Derivatives. Gels, 2017, 3, 27. | 2.1 | 155 |
| 106 | Biodegradable and Biocompatible Systems Based on Hydroxyapatite Nanoparticles. Applied Sciences (Switzerland), 2017, 7, 60. | 1.3 | 81 |
| 107 | Antimicrobial Electrospun Fibers of Polyester Loaded with Engineered Cyclic Gramicidin Analogues. Fibers, 2017, 5, 34. | 1.8 | 3 |
| 108 | Bionanocomposites. , 2017, , 239-272. | | 5 |

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| 109 | Poly(Îµ-caprolactone) films reinforced with chlorhexidine loaded electrospun polylactide microfibers. EXPRESS Polymer Letters, 2017, 11, 674-689. | 1.1 | 13 |
| 110 | Effect of Hydroxyapatite Nanoparticles on the Degradability of Random Poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (ter 2016, 8, 253. | 2.0 | 11 |
| 111 | Study of Non-Isothermal Crystallization of Polydioxanone and Analysis of Morphological Changes Occurring during Heating and Cooling Processes. Polymers, 2016, 8, 351. | 2.0 | 18 |
| 112 | Multifunctional ternary drugâ€loaded electrospun scaffolds. Journal of Applied Polymer Science, 2016, 133, . | 1.3 | 10 |
| 113 | A multi-step template-assisted approach for the formation of conducting polymer nanotubes onto conducting polymer films. Polymer Chemistry, 2016, 7, 3540-3550. | 1.9 | 9 |
| 114 | Hierarchical self-assembly of di-, tri- and tetraphenylalanine peptides capped with two fluorenyl functionalities: from polymorphs to dendrites. Soft Matter, 2016, 12, 5475-5488. | 1.2 | 26 |
| 115 | Effects of hydroxyapatite (0001) Ca<sup>2+</sup>/Mg<sup>2+</sup>substitution on adsorbed<scp>d</scp>-ribose ring puckering. RSC Advances, 2016, 6, 69634-69640. | 1.7 | 3 |
| 116 | Temperatureâ€induced structural changes in evenâ€odd nylons with long polymethylene segments. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 2494-2506. | 2.4 | 10 |
| 117 | Electrospray loading and release of hydrophobic gramicidin in polyester microparticles. RSC Advances, 2016, 6, 73045-73055. | 1.7 | 6 |
| 118 | Distributed Immutabilization of Secure Logs. Lecture Notes in Computer Science, 2016, , 122-137. | 1.0 | 30 |
| 119 | Synthesis of poly(ester amide)s composed of lactic acid and glycolic acid units by the bulk polycondensation of metal halide salts. Journal of Applied Polymer Science, 2016, 133, . | 1.3 | 0 |
| 120 | Dissolving Hydroxyolite: A DNA Molecule into Its Hydroxyapatite Mold. Chemistry - A European Journal, 2016, 22, 6631-6636. | 1.7 | 13 |
| 121 | Study on the crystallization of poly(alkylene dicarboxylate)s derived from 1,9-nonanediol and mixtures with different ratios of azelaic acid and pimelic acid units. Journal of Polymer Research, 2016, 23, 1. | 1.2 | 5 |
| 122 | Semiconducting, biodegradable and bioactive fibers for drug delivery. EXPRESS Polymer Letters, 2016, 10, 628-646. | 1.1 | 15 |
| 123 | Smart systems related to polypeptide sequences. AIMS Materials Science, 2016, 3, 289-323. | 0.7 | 6 |
| 124 | Electrospun biodegradable polymers loaded with bactericide agents. AIMS Molecular Science, 2016, 3, 52-87. | 0.3 | 32 |
| 125 | Development of antimicrobial polymers by incorporation of bacteriophages. EXPRESS Polymer Letters, 2016, 10, 273-273. | 1.1 | 0 |
| 126 | Surviving Mass Extinctions through Biomineralized DNA. Chemistry - A European Journal, 2015, 21, 18892-18898. | 1.7 | 6 |

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| 127 | Nucleation, Crystallization, and Thermal Fractionation of Poly (Îµ-Caprolactone)-Grafted-Lignin: Effects of Grafted Chains Length and Lignin Content. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 1736-1750. | 2.4 | 38 |
| 128 | Selfâ€Assembly of Tetraphenylalanine Peptides. Chemistry - A European Journal, 2015, 21, 16895-16905. | 1.7 | 45 |
| 129 | Synergistic Approach to Elucidate the Incorporation of Magnesium Ions into Hydroxyapatite. Chemistry - A European Journal, 2015, 21, 2537-2546. | 1.7 | 24 |
| 130 | Electrospun Scaffolds from Low Molecular Weight Poly(ester amide)s Based on Glycolic Acid, Adipic Acid and Odd or Even Diamines. Fibers, 2015, 3, 151-172. | 1.8 | 1 |
| 131 | Dispersion of Functionalized Silica Micro- and Nanoparticles into Poly(nonamethylene Azelate) by Ultrasonic Micro-Molding. Applied Sciences (Switzerland), 2015, 5, 1252-1271. | 1.3 | 11 |
| 132 | Influence of pH on Morphology and Structure during Hydrolytic Degradation of the Segmented GL-b-[GL-co-TMC-co-CL]-b-GL Copolymer. Fibers, 2015, 3, 348-372. | 1.8 | 8 |
| 133 | Preferential Incorporation of Azelaic Acid Units into the Crystalline Phase of the Copoly(Alkylene) Tj ETQq1 1 0.784314 rgBT /Overloc<br>Polymers, 2015, 7, 1871-1894. | 2.0 | 4 |
| 134 | Insulating and semiconducting polymeric free-standing nanomembranes with biomedical applications. Journal of Materials Chemistry B, 2015, 3, 5904-5932. | 2.9 | 48 |
| 135 | An experimental-computer modeling study of inorganic phosphates surface adsorption on hydroxyapatite particles. Dalton Transactions, 2015, 44, 9980-9991. | 1.6 | 15 |
| 136 | Polybiguanide (PHMB) loaded in PLA scaffolds displaying high hydrophobic, biocompatibility and antibacterial properties. Materials Science and Engineering C, 2015, 50, 74-84. | 3.8 | 86 |
| 137 | Biocompatibility and drug release behavior of scaffolds prepared by coaxial electrospinning of poly(butylene succinate) and polyethylene glycol. Materials Science and Engineering C, 2015, 49, 472-484. | 3.8 | 104 |
| 138 | Electrospun fibrous mats from a l-phenylalanine based poly(ester amide): Drug delivery and accelerated degradation by loading enzymes. Polymer Degradation and Stability, 2015, 119, 275-287. | 2.7 | 16 |
| 139 | Self-assembly of semicrystalline PE-b-PS diblock copolymers within AAO nanoporous templates. Polymer, 2015, 70, 282-289. | 1.8 | 13 |
| 140 | Amino acid-based poly(ester amide) nanofibers for tailored enzymatic degradation prepared by miniemulsion-electrospinning. RSC Advances, 2015, 5, 55006-55014. | 1.7 | 20 |
| 141 | Study on the crystallization of multiarm stars with a poly(ethyleneimine) core and poly(Îµ-caprolactone) arms of different length. Thermochimica Acta, 2015, 607, 39-52. | 1.2 | 7 |
| 142 | Document Analysis Techniques for Automatic Electoral Document Processing: A Survey. Lecture Notes in Computer Science, 2015, , 129-141. | 1.0 | 1 |
| 143 | Electrospun scaffolds of polylactide with a different enantiomeric content and loaded with anti-inflammatory and antibacterial drugs. Macromolecular Research, 2015, 23, 636-648. | 1.0 | 11 |
| 144 | Reversible changes induced by temperature in the spherulitic birefringence of nylon 6 9. Polymer, 2015, 76, 34-45. | 1.8 | 14 |

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| 145 | Electrosprayed poly(butylene succinate) microspheres loaded with indole derivatives: A system with anticancer activity. European Polymer Journal, 2015, 71, 196-209. | 2.6 | 15 |
| 146 | 2015 NeuchÃ¢telâ€™s Cast-as-Intended Verification Mechanism. Lecture Notes in Computer Science, 2015, , 3-18. | 1.0 | 23 |
| 147 | Spherulitic morphologies of the triblock Poly(GL)-b-poly(GL-co-TMC-co-CL)-b-poly(GL) copolymer: Isothermal and non-isothermal crystallization studies. European Polymer Journal, 2015, 73, 222-236. | 2.6 | 4 |
| 148 | Microfibres of conducting polythiophene and biodegradable poly(ester urea) for scaffolds. Polymer Chemistry, 2015, 6, 925-937. | 1.9 | 20 |
| 149 | New poly(ester urea) derived from l-leucine: Electrospun scaffolds loaded with antibacterial drugs and enzymes. Materials Science and Engineering C, 2015, 46, 450-462. | 3.8 | 23 |
| 150 | Synthesis, Properties and Applications of Biodegradable Polymers Derived from Diols and Dicarboxylic Acids: From Polyesters to Poly(ester amide)s. International Journal of Molecular Sciences, 2014, 15, 7064-7123. | 1.8 | 191 |
| 151 | Scaffolds constituted by mixed polylactide and poly(ethylene glycol) electrospun microfibers. Journal of Polymer Research, 2014, 21, 1. | 1.2 | 6 |
| 152 | Scaffolds with tuneable hydrophilicity from electrospun microfibers of polylactide and poly(ethylene glycol) mixtures: morphology, drug release behavior, and biocompatibility. Journal of Polymer Research, 2014, 21, 1. | 1.2 | 19 |
| 153 | Micro-molding with ultrasonic vibration energy: New method to disperse nanoclays in polymer matrices. Ultrasonics Sonochemistry, 2014, 21, 1557-1569. | 3.8 | 54 |
| 154 | Inhibition of radical-induced oxidative DNA damage by antioxidants loaded in electrospun polylactide nanofibers. Macromolecular Research, 2014, 22, 388-396. | 1.0 | 11 |
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