

Elena Paslaru

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,123
citations

489802

18
h-index

445137

33
g-index

40
all docs

40
docs citations

40
times ranked

1460
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Characterization of bark, needles and cones from silver fir (<i>Abies alba</i> mill.) towards valorization of biomass forestry residues. <i>Biomass and Bioenergy</i> , 2022, 159, 106413. | 2.9 | 14 |
| 2 | Synthesis of Bioactive Materials by In Situ One-Step Direct Loading of <i>Syzygium aromaticum</i> Essential Oil into Chitosan-Based Hydrogels. <i>Gels</i> , 2022, 8, 225. | 2.1 | 11 |
| 3 | Mucoadhesive and Antimicrobial Allantoin/ β -Cyclodextrins-Loaded Carbopol Gels as Scaffolds for Regenerative Medicine. <i>Gels</i> , 2022, 8, 416. | 2.1 | 3 |
| 4 | Bio-Based Bioplastics in Active Food Packaging. , 2021, , 347-379. | | 1 |
| 5 | Towards a Bioactive Food Packaging: Poly(Lactic Acid) Surface Functionalized by Chitosan Coating Embedding Clove and Argan Oils. <i>Molecules</i> , 2021, 26, 4500. | 1.7 | 31 |
| 6 | Bioactive Electrospun Fibers of Poly(ϵ -Caprolactone) Incorporating α -Tocopherol for Food Packaging Applications. <i>Molecules</i> , 2021, 26, 5498. | 1.7 | 15 |
| 7 | Application of Vegetal Oils in Developing Bioactive Paper-Based Materials for Food Packaging. <i>Coatings</i> , 2021, 11, 1211. | 1.2 | 7 |
| 8 | Stabilization Techniques of Essential Oils by Incorporation into Biodegradable Polymeric Materials for Food Packaging. <i>Molecules</i> , 2021, 26, 6307. | 1.7 | 13 |
| 9 | Cellular response to synthetic polymers. , 2020, , 269-319. | | 1 |
| 10 | Influence of the Chitosan and Rosemary Extract on Fungal Biodegradation of Some Plasticized PLA-Based Materials. <i>Polymers</i> , 2020, 12, 469. | 2.0 | 9 |
| 11 | New Developments in Medical Applications of Hybrid Hydrogels Containing Natural Polymers. <i>Molecules</i> , 2020, 25, 1539. | 1.7 | 161 |
| 12 | Development of Bioactive Polymeric Materials by Incorporation of Essential/Vegetal Oils into Biopolymer Matrices. , 2020, 69, . | | 2 |
| 13 | Biocompatible Materials Based on Plasticized Poly(lactic acid), Chitosan and Rosemary Ethanolic Extract I. Effect of Chitosan on the Properties of Plasticized Poly(lactic acid) Materials. <i>Polymers</i> , 2019, 11, 941. | 2.0 | 51 |
| 14 | Chitosan-Based Bionanocomposite Films Prepared by Emulsion Technique for Food Preservation. <i>Materials</i> , 2019, 12, 373. | 1.3 | 63 |
| 15 | Evaluation of the Rosemary Extract Effect on the Properties of Polylactic Acid-Based Materials. <i>Materials</i> , 2018, 11, 1825. | 1.3 | 36 |
| 16 | Biodegradation of poly(lactic acid)/chitosan stratified composites in presence of the <i>Phanerochaete chrysosporium</i> fungus. <i>Polymer Degradation and Stability</i> , 2017, 143, 118-129. | 2.7 | 37 |
| 17 | Comparative Analysis of the Composition and Active Property Evaluation of Certain Essential Oils to Assess their Potential Applications in Active Food Packaging. <i>Materials</i> , 2017, 10, 45. | 1.3 | 50 |
| 18 | Hybrid Nanostructures Containing Sulfadiazine Modified Chitosan as Antimicrobial Drug Carriers. <i>Nanomaterials</i> , 2016, 6, 207. | 1.9 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | PDLC composites based on polyvinyl boric acid matrix – a promising pathway towards biomedical engineering. <i>Liquid Crystals</i> , 2016, 43, 1973-1985. | 0.9 | 35 |
| 20 | Complex poly(lactic acid)-based biomaterial for urinary catheters: I. Influence of AgNP on properties. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2016, 5, 132-151. | 0.7 | 4 |
| 21 | Complex poly(lactic acid)-based biomaterial for urinary catheters: II. Biocompatibility. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2016, 5, 152-166. | 0.7 | 9 |
| 22 | Formulation and evaluation of anise-based bioadhesive vaginal gels. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 485-495. | 2.5 | 12 |
| 23 | Lactoferrin-Immobilized Surfaces onto Functionalized PLA Assisted by the Gamma-Rays and Nitrogen Plasma to Create Materials with Multifunctional Properties. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31902-31915. | 4.0 | 33 |
| 24 | Investigation on thermal, rheological, dielectric and spectroscopic properties of a polymer containing pendant spiroacetal moieties. <i>Materials Chemistry and Physics</i> , 2016, 180, 291-300. | 2.0 | 4 |
| 25 | Tailorable polyelectrolyte protein complex based on poly(aspartic acid) and bovine serum albumin. <i>Designed Monomers and Polymers</i> , 2016, 19, 596-606. | 0.7 | 9 |
| 26 | Polyethylene materials with multifunctional surface properties by electrospinning chitosan/vitamin E formulation destined to biomedical and food packaging applications. <i>Iranian Polymer Journal (English)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 | 2.0 | 16 |
| 27 | Novel procedure to enhance PLA surface properties by chitosan irreversible immobilization. <i>Applied Surface Science</i> , 2016, 367, 407-417. | 3.1 | 60 |
| 28 | Surface characterization and antimicrobial properties of sodium deoxycholate-based poly(ester) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 | 2.0 | 16 |
| 29 | Plasma-activated fibrinogen coatings onto poly(vinylidene fluoride) surface for improving biocompatibility with tissues. <i>Journal of Bioactive and Compatible Polymers</i> , 2016, 31, 91-108. | 0.8 | 11 |
| 30 | Mechanical behavior at nanoscale of chitosan-coated PE surface. <i>Journal of Applied Polymer Science</i> , 2015, 132, . | 1.3 | 3 |
| 31 | Polyurethane-extracellular matrix/silver bionanocomposites for urinary catheters. <i>Journal of Bioactive and Compatible Polymers</i> , 2015, 30, 99-113. | 0.8 | 16 |
| 32 | Polymer-dispersed liquid crystal composites for bio-applications: thermotropic, surface and optical properties. <i>Liquid Crystals</i> , 2015, 42, 370-382. | 0.9 | 60 |
| 33 | Patterning poly(maleic anhydride-co-3,9-divinyl-2,4,8,10-tetraoxaspiro (5.5) undecane) copolymer bioconjugates for controlled release of drugs. <i>International Journal of Pharmaceutics</i> , 2015, 493, 328-340. | 2.6 | 5 |
| 34 | Imino-chitosan biopolymeric films. Obtaining, self-assembling, surface and antimicrobial properties. <i>Carbohydrate Polymers</i> , 2015, 117, 762-770. | 5.1 | 94 |
| 35 | Polyurethane biocompatible silver bionanocomposites for biomedical applications. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1. | 0.8 | 24 |
| 36 | Immunoglobulin G immobilization on PVDF surface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 139-149. | 2.5 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Monodisperse PDLC composites generated by use of polyvinyl alcohol boric acid as matrix. RSC Advances, 2014, 4, 38397-38404. | 1.7 | 17 |
| 38 | Effect of Nanoclay Hydrophilicity on the Poly(lactic acid)/Clay Nanocomposites Properties. Industrial & Engineering Chemistry Research, 2014, 53, 7877-7890. | 1.8 | 78 |
| 39 | Stability of a chitosan layer deposited onto a polyethylene surface. Journal of Applied Polymer Science, 2013, 130, 2444-2457. | 1.3 | 24 |
| 40 | Microwave plasma activation of a polyvinylidene fluoride surface for protein immobilization. Journal Physics D: Applied Physics, 2011, 44, 475303. | 1.3 | 24 |