

Belen Begines

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

928
citations

623188

14
h-index

454577

30
g-index

37
all docs

37
docs citations

37
times ranked

923
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the Biofortification of Wheat Plants by Combining a Plant Growth-Promoting Rhizobacterium (PGPR) and Polymeric Fe-Nanoparticles: Allies or Enemies?. <i>Agronomy</i> , 2022, 12, 228.	1.3	10
2	Ink-jet 3D printing as a strategy for developing bespoke non-eluting biofilm resistant medical devices. <i>Biomaterials</i> , 2022, 281, 121350.	5.7	8
3	Latest Trends in Surface Modification for Dental Implantology: Innovative Developments and Analytical Applications. <i>Pharmaceutics</i> , 2022, 14, 455.	2.0	27
4	Bioactive Bilayer Glass Coating on Porous Titanium Substrates with Enhanced Biofunctional and Tribomechanical Behavior. <i>Coatings</i> , 2022, 12, 245.	1.2	3
5	Fabrication and Characterization of Bioactive Gelatin-Alginate Bioactive Glass Composite Coatings on Porous Titanium Substrates. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 15008-15020.	4.0	13
6	3D reactive inkjet printing of bisphenol A-polycarbonate. <i>Additive Manufacturing</i> , 2022, 54, 102745.	1.7	2
7	Surface Modification, Functionalization and Characterization of Metallic Biomaterials. <i>Metals</i> , 2022, 12, 667.	1.0	0
8	Development of porous silver nanoparticle/polycaprolactone/polyvinyl alcohol coatings for prophylaxis in titanium interconnected samples for dental implants. <i>Colloids and Interface Science Communications</i> , 2022, 48, 100621.	2.0	19
9	Novel Utilization of Therapeutic Coatings Based on Infiltrated Encapsulated Rose Bengal Microspheres in Porous Titanium for Implant Applications. <i>Pharmaceutics</i> , 2022, 14, 1244.	2.0	5
10	Influence of the porosity and type of bioglass on the micro-mechanical and bioactive behavior of coated porous titanium substrates. <i>Journal of Non-Crystalline Solids</i> , 2021, 551, 120436.	1.5	13
11	Synthesis and deposition of silver nanoparticles on porous titanium substrates for biomedical applications. <i>Surface and Coatings Technology</i> , 2021, 406, 126667.	2.2	25
12	Biofunctionalization of Porous Ti Substrates Coated with Ag Nanoparticles for Potential Antibacterial Behavior. <i>Metals</i> , 2021, 11, 692.	1.0	10
13	Native Chilean Berries Preservation and In Vitro Studies of a Polyphenol Highly Antioxidant Extract from Maqui as a Potential Agent against Inflammatory Diseases. <i>Antioxidants</i> , 2021, 10, 843.	2.2	9
14	Exploiting Generative Design for 3D Printing of Bacterial Biofilm Resistant Composite Devices. <i>Advanced Science</i> , 2021, 8, e2100249.	5.6	7
15	Deposition of bioactive gelatin coatings on porous titanium: Influence of processing parameters, size and pore morphology. <i>Surface and Coatings Technology</i> , 2021, 421, 127366.	2.2	10
16	Environmental Impact of Nanoparticles Application as an Emerging Technology: A Review. <i>Materials</i> , 2021, 14, 166.	1.3	85
17	Polymeric Nanoparticles for Drug Delivery: Recent Developments and Future Prospects. <i>Nanomaterials</i> , 2020, 10, 1403.	1.9	411
18	Biofunctional and Tribomechanical Behavior of Porous Titanium Substrates Coated with a Bioactive Glass Bilayer (45S5). <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 30170-30180.	4.0	27

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19	Porous titanium substrates coated with a bilayer of bioactive glasses. <i>Journal of Non-Crystalline Solids</i> , 2020, 544, 120206.	1.5	14
20	Dynamics and numerical simulations to predict empirical antibiotic treatment of multi-resistant <i>Pseudomonas aeruginosa</i> infection. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020, 91, 105418.	1.7	4
21	Innovaci3n docente para el aprendizaje de la configuraci3n electr3nica de un elemento en alumnos de Educaci3n Primaria. <i>Jornadas De Formaci3n E Innovaci3n Docente Del Profesorado</i> , 2020, , 86-106.	0.0	0
22	Design of highly stabilized nanocomposite inks based on biodegradable polymer-matrix and gold nanoparticles for Inkjet Printing. <i>Scientific Reports</i> , 2019, 9, 16097.	1.6	32
23	A Tripropylene Glycol Diacrylate-based Polymeric Support Ink for Material Jetting. <i>Additive Manufacturing</i> , 2017, 16, 153-161.	1.7	21
24	NEW STRATEGIES FOR CHEMINFORMATICS TEACHING BASED ON COLLABORATIVE E-LEARNING. , 2017, , .		0
25	ICT AS USEFUL TOOLS TO IMPROVE THE TEACHING OF ORGANIC CHEMISTRY. , 2017, , .		0
26	COMPUTER ASSISTED DRUG DESIGN BY USING PROBLEM BASED LEARNING METHODOLOGIES. , 2017, , .		0
27	CASE STUDY: MEDICINAL CHEMISTRY. , 2017, , .		0
28	Synthesis of reduction sensitive comb3like polyurethanes using click chemistry. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3888-3900.	2.5	19
29	Development, printability and post-curing studies of formulations of materials resistant to microbial attachment for use in inkjet based 3D printing. <i>Rapid Prototyping Journal</i> , 2016, 22, 835-841.	1.6	18
30	Polyurethanes derived from carbohydrates and cysteine3based monomers. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	13
31	Synthesis and Characterization of New Carbohydrate-based Polyureas. <i>Journal of Renewable Materials</i> , 2013, 1, 212-221.	1.1	7
32	Conformationally restricted linear polyurethanes from acetalized sugar3based monomers. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4638-4646.	2.5	25
33	Sugar3based hydrophilic polyurethanes and polyureas. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1953-1961.	2.5	26
34	Glutathione-Mediated Biodegradable Polyurethanes Derived from <sc>l</sc>-Arabinitol. <i>Biomacromolecules</i> , 2010, 11, 269-276.	2.6	46