

Heriberto Rodrguez-Tobas

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7934241/heriberto-rodriguez-tobias-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

314
citations

8
h-index

17
g-index

17
ext. papers

374
ext. citations

3.6
avg, IF

3.88
L-index

#	Paper	IF	Citations
17	Comprehensive review on electrospinning techniques as versatile approaches toward antimicrobial biopolymeric composite fibers. <i>Materials Science and Engineering C</i> , 2019 , 101, 306-322	8.3	87
16	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	4.3	58
15	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	4.2	44
14	Improvement of mechanical properties and antibacterial activity of electrospun poly(d , l -lactide)-based mats by incorporation of ZnO- graft -poly(d , l -lactide) nanoparticles. <i>Materials Chemistry and Physics</i> , 2016 , 182, 324-331	4.4	34
13	Forcespinning technique for the production of poly(d,l-lactic acid) submicrometer fibers: Process-morphology-properties relationship. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47643	2.9	20
12	UV-cured thiol-ene eugenol/ZnO composite materials with antibacterial properties. <i>RSC Advances</i> , 2016 , 6, 88135-88142	3.7	15
11	One-Pot Formation of ZnO-graft-Poly(d,l-Lactide) Hybrid Systems via Microwave-Assisted Polymerization of d,l-Lactide in the Presence of ZnO Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , 2015 , 216, 1629-1637	2.6	13
10	Photo-degradation of electrospun composite mats based on poly(D,L-lactide) submicron fibers and zinc oxide nanoparticles. <i>Polymer Degradation and Stability</i> , 2018 , 152, 95-104	4.7	10
9	Mechanical and UV-shielding properties of in situ synthesized poly(acrylonitrile-butadiene-styrene)/zinc oxide nanocomposites. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 4708-4718	2.9	8
8	Processing-structure-property relationships of biopolyester/zinc oxide fibrous scaffolds engineered by centrifugal spinning. <i>Polymers for Advanced Technologies</i> , 2020 , 31, 2601-2614	3.2	5
7	Effect of Zinc Oxide Nanoparticles Concentration on the Mechanical Properties and UV Protection of In Situ Synthesized ABS Based Nanocomposites. <i>Macromolecular Symposia</i> , 2013 , 325-326, 147-155	0.8	5
6	Performance of Zinc Oxide Nanoparticles as Polymerization Initiating Systems in the Microwave-Assisted Synthesis of Poly(d,l-Lactide)/ZnO Nanocomposites. <i>Macromolecular Symposia</i> , 2017 , 374, 1600102	0.8	4
5	Centrifugally spun mats based on biopolyesters/hydroxyapatite and their potential as bone scaffolds. <i>Journal of Applied Polymer Science</i> , 2021 , 138, app50139	2.9	4
4	Core-shell nanofibrous membranes based on poly(acrylonitrile-butadiene-styrene), polyacrylonitrile, and zinc oxide nanoparticles for photoreduction of Cr(VI) ions in aqueous solutions. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 48429	2.9	3
3	Development of zinc oxide/hydroxyapatite/poly(D,L-lactic acid) fibrous scaffold for tissue engineering applications.. <i>Materials Science and Engineering C</i> , 2021 , 112594	8.3	3
2	Photocatalytic Reduction of Hexavalent Chromium Ions from Aqueous Solutions Using Polymeric Microfibers Surface Modified with ZnO Nanoparticles. <i>Fibers and Polymers</i> , 1	2	1
1	Use of Micro- and Nano-ZnO particles as Catalysts for the Microwave-Assisted Polymerization of D,L-lactide. <i>Materials Research Society Symposia Proceedings</i> , 2015 , 1767, 3-9		

