

Roos Peeters

List of Publications by Year in Descending Order

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

13
papers

174
citations

7
h-index

13
g-index

14
ext. papers

221
ext. citations

3.8
avg, IF

2.86
L-index

#	Paper	IF	Citations
13	Fiber Engineering Trifecta of Spinnability, Morphology, and Properties: Centrifugally Spun versus Electrospun Fibers. <i>ACS Applied Polymer Materials</i> , 2022 , 4, 2022-2035	4.3	3
12	Extrusion and Injection Molding of Poly(3-Hydroxybutyrate-co-3-Hydroxyhexanoate) (PHBHHx): Influence of Processing Conditions on Mechanical Properties and Microstructure. <i>Polymers</i> , 2021 , 13,	4.5	4
11	Evaluation and optimization of the peel performance of a heat sealed topfilm and bottomweb undergoing cool processing. <i>Packaging Technology and Science</i> , 2021 , 34, 401-411	2.3	0
10	Oxygen Gas and UV Barrier Properties of Nano-ZnO-Coated PET and PHBHHx Materials Fabricated by Ultrasonic Spray-Coating Technique. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
9	Screen Printed Antennas on Fiber-Based Substrates for Sustainable HF RFID Assisted E-Fulfilment Smart Packaging. <i>Materials</i> , 2021 , 14,	3.5	3
8	Influence of Polymer Concentration and Nozzle Material on Centrifugal Fiber Spinning. <i>Polymers</i> , 2020 , 12,	4.5	16
7	Multicriteria evaluation and optimization of the ultrasonic sealing performance based on design of experiments and response surface methodology. <i>Packaging Technology and Science</i> , 2019 , 32, 165-174	2.3	1
6	(Bio)polymer/ZnO Nanocomposites for Packaging Applications: A Review of Gas Barrier and Mechanical Properties. <i>Nanomaterials</i> , 2019 , 9,	5.4	39
5	Effect of ultrafine talc on crystallization and end-use properties of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate). <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	12
4	Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate)/Organomodified Montmorillonite Nanocomposites for Potential Food Packaging Applications. <i>Journal of Polymers and the Environment</i> , 2016 , 24, 104-118	4.5	26
3	Gas Permeability Properties of Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate). <i>Journal of Polymers and the Environment</i> , 2014 , 22, 501-507	4.5	25
2	Hydrothermal synthesis of ZnO nanorods: a statistical determination of the significant parameters in view of reducing the diameter. <i>Nanotechnology</i> , 2009 , 20, 055608	3.4	33
1	Centrifugally spun poly(ethylene oxide) fibers rival the properties of electrospun fibers. <i>Journal of Polymer Science</i> ,	2.4	8