Roos Peeters

List of Publications by Citations

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