Mieke Buntinx

List of Publications by Year in descending order

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MIEKE RUNTINY

#	Article	IF	CITATIONS
1	Fiber Engineering Trifecta of Spinnability, Morphology, and Properties: Centrifugally Spun versus Electrospun Fibers. ACS Applied Polymer Materials, 2022, 4, 2022-2035.	4.4	7
2	Characterizing Mechanical, Heat Seal, and Gas Barrier Performance of Biodegradable Films to Determine Food Packaging Applications. Polymers, 2022, 14, 2569.	4.5	5
3	Determination of the nitrogen gas transmission rate (N2GTR) of ethylene vinyl alcohol copolymer, using a newly developed permeation measurement system. Polymer Testing, 2021, 93, 106979.	4.8	6
4	Oxygen Gas and UV Barrier Properties of Nano-ZnO-Coated PET and PHBHHx Materials Fabricated by Ultrasonic Spray-Coating Technique. Nanomaterials, 2021, 11, 449.	4.1	9
5	Holistic Approach to a Successful Market Implementation of Active and Intelligent Food Packaging. Foods, 2021, 10, 465.	4.3	27
6	Centrifugally spun poly(ethylene oxide) fibers rival the properties of electrospun fibers. Journal of Polymer Science, 2021, 59, 2754-2762.	3.8	12
7	Screen Printed Antennas on Fiber-Based Substrates for Sustainable HF RFID Assisted E-Fulfilment Smart Packaging. Materials, 2021, 14, 5500.	2.9	20
8	Printed Electronics (PE) As An enabling Technology To Realize Flexible Mass Customized Smart Applications. Procedia CIRP, 2021, 96, 115-120.	1.9	32
9	Extrusion and Injection Molding of Poly(3-Hydroxybutyrate-co-3-Hydroxyhexanoate) (PHBHHx): Influence of Processing Conditions on Mechanical Properties and Microstructure. Polymers, 2021, 13, 4012.	4.5	11
10	Inkjet Printing of PEDOT:PSS Based Conductive Patterns for 3D Forming Applications. Polymers, 2020, 12, 2915.	4.5	28
11	Influence of Polymer Concentration and Nozzle Material on Centrifugal Fiber Spinning. Polymers, 2020, 12, 575.	4.5	34
12	(Bio)polymer/ZnO Nanocomposites for Packaging Applications: A Review of Gas Barrier and Mechanical Properties. Nanomaterials, 2019, 9, 1494.	4.1	60
13	Inclusion of ethanol in a nano-porous, bio-based metal organic framework. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2019, 95, 91-98.	1.6	12
14	Ethylene Vinyl Alcohol Copolymer (EVOH) as a Functional Barrier against Surrogate Components Migrating from Paperboard. Journal of Chemistry, 2019, 2019, 1-7.	1.9	5
15	Polyhydroxyalkanoates for Food Packaging Applications. , 2019, , .		13
16	Recent Updates on the Barrier Properties of Ethylene Vinyl Alcohol Copolymer (EVOH): A Review. Polymer Reviews, 2018, 58, 209-246.	10.9	125
17	Effect of MILâ€53 (Al) MOF particles on the chain mobility and crystallization of poly(Lâ€lactic acid). Journal of Applied Polymer Science, 2018, 135, 45690.	2.6	4
18	Effect of ultrafine talc on crystallization and endâ€use properties of poly(3â€hydroxybutyrateâ€ <i>co</i> â€3â€hydroxyhexanoate). Journal of Applied Polymer Science, 2016, 133, .	2.6	14

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19	Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate)/Organomodified Montmorillonite Nanocomposites for Potential Food Packaging Applications. Journal of Polymers and the Environment, 2016, 24, 104-118.	5.0	40
20	Evaluation of the Thickness and Oxygen Transmission Rate before and after Thermoforming Mono- and Multi-layer Sheets into Trays with Variable Depth. Polymers, 2014, 6, 3019-3043.	4.5	35
21	Gas Permeability Properties of Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate). Journal of Polymers and the Environment, 2014, 22, 501-507.	5.0	32
22	Discovery of Potent, Orally Bioavailable Smallâ€Molecule Inhibitors of the Human CCR2 Receptor. ChemMedChem, 2008, 3, 660-669.	3.2	17
23	Synthesis and characterization of 5,6,7,8-tetrahydroquinoline C5a receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2544-2548.	2.2	24
24	Design and optimization of aniline-substituted tetrahydroquinoline C5a receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3852-3855.	2.2	16
25	Synthesis and structure–activity relationship of benzetimide derivatives as human CXCR3 antagonists. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5819-5823.	2.2	18
26	Pharmacological Profile of JNJ-27141491 Methyl Ester], as a Noncompetitive and Orally Active Antagonist of the Human Chemokine Receptor CCR2, Journal of Pharmacology and Experimental Therapeutics, 2008, 327, 1-9	2.5	23
27	Leukemia inhibitory factor is produced by myelin-reactive T cells from multiple sclerosis patients and protects against tumor necrosis factor-α-induced oligodendrocyte apoptosis. Journal of Neuroscience Research, 2006, 83, 763-774.	2.9	58
28	2-Mercaptoimidazoles, a new class of potent CCR2 antagonists. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 497-500.	2.2	35
29	Cytokine-induced cell death in human oligodendroglial cell lines. II: Alterations in gene expression induced by interferon-? and tumor necrosis factor-?. Journal of Neuroscience Research, 2004, 76, 846-861.	2.9	56
30	Cytokineâ€induced cell death in human oligodendroglial cell lines: I. Synergistic effects of IFNâ€i³ and TNFâ€i± on apoptosis. Journal of Neuroscience Research, 2004, 76, 834-845.	2.9	118
31	Characterization of three human oligodendroglial cell lines as a model to study oligodendrocyte injury: Morphology and oligodendrocyte-specific gene expression. Journal of Neurocytology, 2003, 32, 25-38.	1.5	110
32	Transition metal anion exchanged layered double hydroxides as a bioinspired model of vanadium bromoperoxidase. Journal of Catalysis, 2003, 216, 288-297.	6.2	61
33	Interferon-Î ³ -induced calcium influx in T lymphocytes of multiple sclerosis and rheumatoid arthritis patients: a complementary mechanism for T cell activation?. Journal of Neuroimmunology, 2002, 124, 70-82.	2.3	12
34	Immune-Mediated Oligodendrocyte Injury in Multiple Sclerosis: Molecular Mechanisms and Therapeutic Interventions. Critical Reviews in Immunology, 2002, 22, 34.	0.5	33
35	Immune-mediated oligodendrocyte injury in multiple sclerosis: molecular mechanisms and therapeutic interventions. Critical Reviews in Immunology, 2002, 22, 391-424.	0.5	15
36	Layered double hydroxides exchanged with tungstate as biomimetic catalysts for mild oxidative bromination. Nature, 1999, 400, 855-857.	27.8	496