

# Mieke Buntinx

## List of Publications by Year in descending order

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36  
papers

1,623  
citations

448610

19  
h-index

406436

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2414  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fiber Engineering Trifecta of Spinnability, Morphology, and Properties: Centrifugally Spun versus Electrospun Fibers. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2022-2035.	2.0	7
2	Characterizing Mechanical, Heat Seal, and Gas Barrier Performance of Biodegradable Films to Determine Food Packaging Applications. <i>Polymers</i> , 2022, 14, 2569.	2.0	5
3	Determination of the nitrogen gas transmission rate (N <sub>2</sub> GTR) of ethylene vinyl alcohol copolymer, using a newly developed permeation measurement system. <i>Polymer Testing</i> , 2021, 93, 106979.	2.3	6
4	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, 449.	1.9	9
5	Holistic Approach to a Successful Market Implementation of Active and Intelligent Food Packaging. <i>Foods</i> , 2021, 10, 465.	1.9	27
6	Centrifugally spun poly(ethylene oxide) fibers rival the properties of electrospun fibers. <i>Journal of Polymer Science</i> , 2021, 59, 2754-2762.	2.0	12
7	Screen Printed Antennas on Fiber-Based Substrates for Sustainable HF RFID Assisted E-Fulfilment Smart Packaging. <i>Materials</i> , 2021, 14, 5500.	1.3	20
8	Printed Electronics (PE) As An enabling Technology To Realize Flexible Mass Customized Smart Applications. <i>Procedia CIRP</i> , 2021, 96, 115-120.	1.0	32
9	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, 4012.	2.0	11
10	Inkjet Printing of PEDOT:PSS Based Conductive Patterns for 3D Forming Applications. <i>Polymers</i> , 2020, 12, 2915.	2.0	28
11	Influence of Polymer Concentration and Nozzle Material on Centrifugal Fiber Spinning. <i>Polymers</i> , 2020, 12, 575.	2.0	34
12	(Bio)polymer/ZnO Nanocomposites for Packaging Applications: A Review of Gas Barrier and Mechanical Properties. <i>Nanomaterials</i> , 2019, 9, 1494.	1.9	60
13	Inclusion of ethanol in a nano-porous, bio-based metal organic framework. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 95, 91-98.	0.9	12
14	Ethylene Vinyl Alcohol Copolymer (EVOH) as a Functional Barrier against Surrogate Components Migrating from Paperboard. <i>Journal of Chemistry</i> , 2019, 2019, 1-7.	0.9	5
15	Polyhydroxyalkanoates for Food Packaging Applications. , 2019, , .		13
16	Recent Updates on the Barrier Properties of Ethylene Vinyl Alcohol Copolymer (EVOH): A Review. <i>Polymer Reviews</i> , 2018, 58, 209-246.	5.3	125
17	Effect of MIL-53 (Al) MOF particles on the chain mobility and crystallization of poly(L-lactic acid). <i>Journal of Applied Polymer Science</i> , 2018, 135, 45690.	1.3	4
18	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, .	1.3	14

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19	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.	2.4	40
20	Evaluation of the Thickness and Oxygen Transmission Rate before and after Thermoforming Mono- and Multi-layer Sheets into Trays with Variable Depth. <i>Polymers</i> , 2014, 6, 3019-3043.	2.0	35
21	Gas Permeability Properties of Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate). <i>Journal of Polymers and the Environment</i> , 2014, 22, 501-507.	2.4	32
22	Discovery of Potent, Orally Bioavailable Small Molecule Inhibitors of the Human CCR2 Receptor. <i>ChemMedChem</i> , 2008, 3, 660-669.	1.6	17
23	Synthesis and characterization of 5,6,7,8-tetrahydroquinoline C5a receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2544-2548.	1.0	24
24	Design and optimization of aniline-substituted tetrahydroquinoline C5a receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3852-3855.	1.0	16
25	Synthesis and structure-activity relationship of benzetimide derivatives as human CXCR3 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5819-5823.	1.0	18
26	Pharmacological Profile of JNJ-27141491 Methyl Ester], as a Noncompetitive and Orally Active Antagonist of the Human Chemokine Receptor CCR2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 327, 1-9.	1.3	23
27	Leukemia inhibitory factor is produced by myelin-reactive T cells from multiple sclerosis patients and protects against tumor necrosis factor- $\alpha$ -induced oligodendrocyte apoptosis. <i>Journal of Neuroscience Research</i> , 2006, 83, 763-774.	1.3	58
28	2-Mercaptoimidazoles, a new class of potent CCR2 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 497-500.	1.0	35
29	Cytokine-induced cell death in human oligodendroglial cell lines. II: Alterations in gene expression induced by interferon- $\gamma$ and tumor necrosis factor- $\alpha$ . <i>Journal of Neuroscience Research</i> , 2004, 76, 846-861.	1.3	56
30	Cytokine-induced cell death in human oligodendroglial cell lines: I. Synergistic effects of IFN- $\gamma$ and TNF- $\alpha$ on apoptosis. <i>Journal of Neuroscience Research</i> , 2004, 76, 834-845.	1.3	118
31	Characterization of three human oligodendroglial cell lines as a model to study oligodendrocyte injury: Morphology and oligodendrocyte-specific gene expression. <i>Journal of Neurocytology</i> , 2003, 32, 25-38.	1.6	110
32	Transition metal anion exchanged layered double hydroxides as a bioinspired model of vanadium bromoperoxidase. <i>Journal of Catalysis</i> , 2003, 216, 288-297.	3.1	61
33	Interferon- $\beta$ -induced calcium influx in T lymphocytes of multiple sclerosis and rheumatoid arthritis patients: a complementary mechanism for T cell activation?. <i>Journal of Neuroimmunology</i> , 2002, 124, 70-82.	1.1	12
34	Immune-Mediated Oligodendrocyte Injury in Multiple Sclerosis: Molecular Mechanisms and Therapeutic Interventions. <i>Critical Reviews in Immunology</i> , 2002, 22, 34.	1.0	33
35	Immune-mediated oligodendrocyte injury in multiple sclerosis: molecular mechanisms and therapeutic interventions. <i>Critical Reviews in Immunology</i> , 2002, 22, 391-424.	1.0	15
36	Layered double hydroxides exchanged with tungstate as biomimetic catalysts for mild oxidative bromination. <i>Nature</i> , 1999, 400, 855-857.	13.7	496