

Ian Fm Major

List of Publications by Year in descending order

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42
papers

1,253
citations

394421

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42
times ranked

1418
citing authors

#	ARTICLE	IF	CITATIONS
1	Fused Filament Fabrication of PEEK: A Review of Process-Structure-Property Relationships. <i>Polymers</i> , 2020, 12, 1665.	4.5	118
2	Material Considerations for Fused-Filament Fabrication of Solid Dosage Forms. <i>Pharmaceutics</i> , 2018, 10, 44.	4.5	116
3	β-Glucan extracts from the same edible shiitake mushroom <i>Lentinus edodes</i> produce differential in-vitro immunomodulatory and pulmonary cytoprotective effects – Implications for coronavirus disease (COVID-19) immunotherapies. <i>Science of the Total Environment</i> , 2020, 732, 139330.	8.0	105
4	Chemical surface modification of calcium carbonate particles with stearic acid using different treating methods. <i>Applied Surface Science</i> , 2016, 378, 320-329.	6.1	101
5	β-Glucan Metabolic and Immunomodulatory Properties and Potential for Clinical Application. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 356.	3.5	87
6	Vaginal rings for delivery of HIV microbicides. <i>International Journal of Women's Health</i> , 2012, 4, 595.	2.6	77
7	Sustained Release of the CCR5 Inhibitors CMPD167 and Maraviroc from Vaginal Rings in Rhesus Macaques. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2251-2258.	3.2	60
8	Comparison of fused-filament fabrication to direct compression and injection molding in the manufacture of oral tablets. <i>International Journal of Pharmaceutics</i> , 2019, 558, 328-340.	5.2	45
9	Matrix and reservoir-type multipurpose vaginal rings for controlled release of dapivirine and levonorgestrel. <i>International Journal of Pharmaceutics</i> , 2016, 511, 619-629.	5.2	42
10	A modified SILCS contraceptive diaphragm for long-term controlled release of the HIV microbicide dapivirine. <i>Contraception</i> , 2013, 88, 58-66.	1.5	39
11	Mass-customization of oral tablets via the combination of 3D printing and injection molding. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118611.	5.2	38
12	Vaginal drug delivery for the localised treatment of cervical cancer. <i>Drug Delivery and Translational Research</i> , 2017, 7, 817-828.	5.8	34
13	Development of disulfiram-loaded vaginal rings for the localised treatment of cervical cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 945-953.	4.3	32
14	Efficacy of Tenofovir 1% Vaginal Gel in Reducing the Risk of HIV-1 and HSV-2 Infection. <i>Clinical Medicine Insights Women's Health</i> , 2014, 7, CMWH.S10353.	0.6	30
15	Preparation of Biodegradable Polyethylene Glycol Dimethacrylate Hydrogels via Thiol-ene Chemistry. <i>Polymers</i> , 2019, 11, 1339.	4.5	30
16	Development of a multi-layered vaginal tablet containing dapivirine, levonorgestrel and acyclovir for use as a multipurpose prevention technology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 104, 171-179.	4.3	28
17	Effect of Stereolithography 3D Printing on the Properties of PEGDMA Hydrogels. <i>Polymers</i> , 2020, 12, 2015.	4.5	22
18	Development of polylactide and polyethylene vinyl acetate blends for the manufacture of vaginal rings. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 891-895.	3.4	21

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19	Immunomodulatory activity of β -glucan polysaccharides isolated from different species of mushroom – A potential treatment for inflammatory lung conditions. <i>Science of the Total Environment</i> , 2022, 809, 152177.	8.0	21
20	Faster Release of Lumen-Loaded Drugs than Matrix-Loaded Equivalent in Polylactic Acid/Halloysite Nanotubes. <i>Materials</i> , 2019, 12, 1830.	2.9	20
21	Synthesis and characterization of high density polyethylene/peat ash composites. <i>Composites Part B: Engineering</i> , 2016, 94, 312-321.	12.0	19
22	Development of a UC781 releasing polyethylene vinyl acetate vaginal ring. <i>Drug Delivery and Translational Research</i> , 2012, 2, 489-497.	5.8	16
23	Additive manufacturing of PLA/HNT nanocomposites for biomedical applications. <i>Procedia Manufacturing</i> , 2019, 38, 17-24.	1.9	16
24	The Production of Solid Dosage Forms from Non-Degradable Polymers. <i>Current Pharmaceutical Design</i> , 2016, 22, 2738-2760.	1.9	16
25	β -Glucans. <i>Encyclopedia</i> , 2021, 1, 831-847.	4.5	15
26	Influence of Annealing and Biaxial Expansion on the Properties of Poly(L-Lactic Acid) Medical Tubing. <i>Polymers</i> , 2019, 11, 1172.	4.5	14
27	β -Glucans from Yeast – Immunomodulators from Novel Waste Resources. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5208.	2.5	14
28	Development of a low-temperature extrusion process for production of GRAS bioactive-polymer loaded compounds for targeting antimicrobial-resistant (AMR) bacteria. <i>Science of the Total Environment</i> , 2021, 800, 149545.	8.0	12
29	The Influence of Low Shear Microbore Extrusion on the Properties of High Molecular Weight Poly(L-Lactic Acid) for Medical Tubing Applications. <i>Polymers</i> , 2019, 11, 710.	4.5	11
30	Multiple recycling of a PLA/PHB biopolymer blend for sustainable packaging applications: Rheology – morphology, thermal, and mechanical performance analysis. <i>Polymer Engineering and Science</i> , 2022, 62, 1764-1774.	3.1	10
31	A Bilayer Vaginal Tablet for the Localized Delivery of Disulfiram and 5-Fluorouracil to the Cervix. <i>Pharmaceutics</i> , 2020, 12, 1185.	4.5	9
32	Polymer-Based Additive Manufacturing: Historical Developments, Process Types and Material Considerations. , 2019, , 1-22.		9
33	Development of a microbicide-releasing diaphragm as an HIV prevention strategy. , 2010, 2010, 1089-92.		5
34	Implantable drug delivery systems. , 2020, , 111-146.		5
35	Hot Melt Extruded and Injection Moulded Dosage Forms: Recent Research and Patents. <i>Recent Patents on Drug Delivery and Formulation</i> , 2015, 9, 194-200.	2.1	3
36	Thermal Degradation of Bio-nanocomposites. <i>Engineering Materials</i> , 2015, , 221-245.	0.6	3

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37	Extruded Monofilament and Multifilament Thermoplastic Stitching Yarns. <i>Fibers</i> , 2017, 5, 45.	4.0	3
38	Influence of extrusion screw speed on the properties of halloysite nanotube impregnated polylactic acid nanocomposites. <i>Journal of Polymer Engineering</i> , 2021, 41, 499-508.	1.4	3
39	Selection of a Hormonal Contraceptive Agent for Inclusion with Dapivirine in a Silicone Elastomer Vaginal Ring. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A140-A140.	1.1	2
40	Development of Reservoir Vaginal Rings Containing Dapivirine or Hormonal Contraceptive Steroids. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A68-A68.	1.1	2
41	On the possibility of replacement of calcium carbonate by a high-performance, economically viable filler in polyethylene composites. <i>Journal of Thermoplastic Composite Materials</i> , 0, , 089270572110319.	4.2	0
42	Customised Interventions Utilising Additive Manufacturing. , 2019, , 143-160.		0