Ian Fm Major

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2652601/publications.pdf

Version: 2024-02-01

42 papers	1,253 citations	394421 19 h-index	361022 35 g-index
42 all docs	42 docs citations	42 times ranked	1418 citing authors

#	Article	IF	Citations
1	Immunomodulatory activity of Î²-glucan polysaccharides isolated from different species of mushroom â€“ A potential treatment for inflammatory lung conditions. Science of the Total Environment, 2022, 809, 152177.	8.0	21
2	Multiple recycling of a <scp>PLA</scp>/<scp>PHB</scp> biopolymer blend for sustainable packaging applications: Rheologyâ€morphology, thermal, and mechanical performance analysis. Polymer Engineering and Science, 2022, 62, 1764-1774.	3.1	10
3	Î²-Glucans from Yeastâ€”Immunomodulators from Novel Waste Resources. Applied Sciences (Switzerland), 2022, 12, 5208.	2.5	14
4	Influence of extrusion screw speed on the properties of halloysite nanotube impregnated polylactic acid nanocomposites. Journal of Polymer Engineering, 2021, 41, 499-508.	1.4	3
5	Î²-Glucans. Encyclopedia, 2021, 1, 831-847.	4.5	15
6	Development of a low-temperature extrusion process for production of GRAS bioactive-polymer loaded compounds for targeting antimicrobial-resistant (AMR) bacteria. Science of the Total Environment, 2021, 800, 149545.	8.0	12
7	Fused Filament Fabrication of PEEK: A Review of Process-Structure-Property Relationships. Polymers, 2020, 12, 1665.	4.5	118
8	Effect of Stereolithography 3D Printing on the Properties of PEGDMA Hydrogels. Polymers, 2020, 12, 2015.	4.5	22
9	Î²-Glucan Metabolic and Immunomodulatory Properties and Potential for Clinical Application. Journal of Fungi (Basel, Switzerland), 2020, 6, 356.	3.5	87
10	A Bilayer Vaginal Tablet for the Localized Delivery of Disulfiram and 5-Fluorouracil to the Cervix. Pharmaceutics, 2020, 12, 1185.	4.5	9
11	Î²-Glucan extracts from the same edible shiitake mushroom Lentinus edodes produce differential in-vitro immunomodulatory and pulmonary cytoprotective effects â€“ Implications for coronavirus disease (COVID-19) immunotherapies. Science of the Total Environment, 2020, 732, 139330.	8.0	105
12	Implantable drug delivery systems. , 2020, , 111-146.		5
13	Preparation of Biodegradable Polyethylene Glycol Dimethacrylate Hydrogels via Thiol-ene Chemistry. Polymers, 2019, 11, 1339.	4.5	30
14	Influence of Annealing and Biaxial Expansion on the Properties of Poly(l-Lactic Acid) Medical Tubing. Polymers, 2019, 11, 1172.	4.5	14
15	Mass-customization of oral tablets via the combination of 3D printing and injection molding. International Journal of Pharmaceutics, 2019, 569, 118611.	5.2	38
16	Faster Release of Lumen-Loaded Drugs than Matrix-Loaded Equivalent in Polylactic Acid/Halloysite Nanotubes. Materials, 2019, 12, 1830.	2.9	20
17	The Influence of Low Shear Microbore Extrusion on the Properties of High Molecular Weight Poly(l-Lactic Acid) for Medical Tubing Applications. Polymers, 2019, 11, 710.	4.5	11
18	Comparison of fused-filament fabrication to direct compression and injection molding in the manufacture of oral tablets. International Journal of Pharmaceutics, 2019, 558, 328-340.	5.2	45

#	Article	IF	Citations
19	Polymer-Based Additive Manufacturing: Historical Developments, Process Types and Material Considerations. , 2019, , 1-22.		9
20	Additive manufacturing of PLA/HNT nanocomposites for biomedical applications. Procedia Manufacturing, 2019, 38, 17-24.	1.9	16
21	Customised Interventions Utilising Additive Manufacturing. , 2019, , 143-160.		0
22	Material Considerations for Fused-Filament Fabrication of Solid Dosage Forms. Pharmaceutics, 2018, 10, 44.	4.5	116
23	Vaginal drug delivery for the localised treatment of cervical cancer. Drug Delivery and Translational Research, 2017, 7, 817-828.	5.8	34
24	Extruded Monofilament and Multifilament Thermoplastic Stitching Yarns. Fibers, 2017, 5, 45.	4.0	3
25	Synthesis and characterization of high density polyethylene/peat ash composites. Composites Part B: Engineering, 2016, 94, 312-321.	12.0	19
26	Development of a multi-layered vaginal tablet containing dapivirine, levonorgestrel and acyclovir for use as a multipurpose prevention technology. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 104, 171-179.	4.3	28
27	Chemical surface modification of calcium carbonate particles with stearic acid using different treating methods. Applied Surface Science, 2016, 378, 320-329.	6.1	101
28	Matrix and reservoir-type multipurpose vaginal rings for controlled release of dapivirine and levonorgestrel. International Journal of Pharmaceutics, 2016, 511, 619-629.	5.2	42
29	The Production of Solid Dosage Forms from Non-Degradable Polymers. Current Pharmaceutical Design, 2016, 22, 2738-2760.	1.9	16
30	Hot Melt Extruded and Injection Moulded Dosage Forms: Recent Research and Patents. Recent Patents on Drug Delivery and Formulation, 2015, 9, 194-200.	2.1	3
31	Thermal Degradation of Bio-nanocomposites. Engineering Materials, 2015, , 221-245.	0.6	3
32	Efficacy of Tenofovir 1% Vaginal Gel in Reducing the Risk of HIV-1 and HSV-2 Infection. Clinical Medicine Insights Women's Health, 2014, 7, CMWH.S10353.	0.6	30
33	Selection of a Hormonal Contraceptive Agent for Inclusion with Dapivirine in a Silicone Elastomer Vaginal Ring. AIDS Research and Human Retroviruses, 2014, 30, A140-A140.	1.1	2
34	Development of Reservoir Vaginal Rings Containing Dapivirine or Hormonal Contraceptive Steroids. AIDS Research and Human Retroviruses, 2014, 30, A68-A68.	1.1	2
35	Development of disulfiram-loaded vaginal rings for the localised treatment of cervical cancer. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 88, 945-953.	4.3	32
36	A modified SILCS contraceptive diaphragm for long-term controlled release of the HIV microbicide dapivirine. Contraception, 2013, 88, 58-66.	1.5	39

#	Article	IF	Citations
37	Sustained Release of the CCR5 Inhibitors CMPD167 and Maraviroc from Vaginal Rings in Rhesus Macaques. Antimicrobial Agents and Chemotherapy, 2012, 56, 2251-2258.	3.2	60
38	Development of a UC781 releasing polyethylene vinyl acetate vaginal ring. Drug Delivery and Translational Research, 2012, 2, 489-497.	5.8	16
39	Vaginal rings for delivery of HIV microbicides. International Journal of Women's Health, 2012, 4, 595.	2.6	77
40	Development of polylactide and polyethylene vinyl acetate blends for the manufacture of vaginal rings. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 891-895.	3.4	21
41	Development of a microbicide-releasing diaphragm as an HIV prevention strategy. , 2010, 2010, 1089-92.		5
42	On the possibility of replacement of calcium carbonate by a high-performance, economically viable filler in polyethylene composites. Journal of Thermoplastic Composite Materials, 0, , 089270572110319.	4.2	0