

# Ismaiel A Tekko

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

2,048  
citations

236612

25  
h-index

288905

40  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1265  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapidly dissolving microneedle patch of amphotericin B for intracorneal fungal infections. <i>Drug Delivery and Translational Research</i> , 2022, 12, 931-943.	3.0	26
2	Novel Bilayer Microarray Patch-Assisted Long-Acting Micro-Depot Cabotegravir Intradermal Delivery for HIV Pre-Exposure Prophylaxis. <i>Advanced Functional Materials</i> , 2022, 32, 2106999.	7.8	31
3	Nestorone nanosuspension-loaded dissolving microneedles array patch: A promising novel approach for on-demand hormonal female-controlled peritocoital contraception. <i>International Journal of Pharmaceutics</i> , 2022, 614, 121422.	2.6	25
4	Systemic delivery of tenofovir alafenamide using dissolving and implantable microneedle patches. <i>Materials Today Bio</i> , 2022, 13, 100217.	2.6	11
5	Novel Bilayer Microarray Patch-Assisted Long-Acting Micro-Depot Cabotegravir Intradermal Delivery for HIV Pre-Exposure Prophylaxis (Adv. Funct. Mater. 9/2022). <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	3
6	HPLC-MS method for simultaneous quantification of the antiretroviral agents rilpivirine and cabotegravir in rat plasma and tissues. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 213, 114698.	1.4	13
7	Nanoemulsion-based dissolving microneedle arrays for enhanced intradermal and transdermal delivery. <i>Drug Delivery and Translational Research</i> , 2022, 12, 881-896.	3.0	25
8	Hollow microneedle assisted intradermal delivery of hypericin lipid nanocapsules with light enabled photodynamic therapy against skin cancer. <i>Journal of Controlled Release</i> , 2022, 348, 849-869.	4.8	33
9	Hydrogel-forming microarray patches with cyclodextrin drug reservoirs for long-acting delivery of poorly soluble cabotegravir sodium for HIV Pre-Exposure Prophylaxis. <i>Journal of Controlled Release</i> , 2022, 348, 771-785.	4.8	27
10	Versatility of hydrogel-forming microneedles in in vitro transdermal delivery of tuberculosis drugs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 294-312.	2.0	72
11	Directly Compressed Tablets: A Novel Drug-Containing Reservoir Combined with Hydrogel-Forming Microneedle Arrays for Transdermal Drug Delivery. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001256.	3.9	40
12	Microneedle array systems for long-acting drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 159, 44-76.	2.0	137
13	Laser irradiation of ocular tissues to enhance drug delivery. <i>International Journal of Pharmaceutics</i> , 2021, 596, 120282.	2.6	4
14	Antibiotic Therapy and the Gut Microbiome: Investigating the Effect of Delivery Route on Gut Pathogens. <i>ACS Infectious Diseases</i> , 2021, 7, 1283-1296.	1.8	22
15	Microarray patches: Breaking down the barriers to contraceptive care and HIV prevention for women across the globe. <i>Advanced Drug Delivery Reviews</i> , 2021, 173, 331-348.	6.6	43
16	Long-acting nanoparticle-loaded bilayer microneedles for protein delivery to the posterior segment of the eye. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 165, 306-318.	2.0	39
17	Etravirine-loaded dissolving microneedle arrays for long-acting delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 165, 41-51.	2.0	53
18	Dissolving microneedle patches loaded with amphotericin B microparticles for localised and sustained intradermal delivery: Potential for enhanced treatment of cutaneous fungal infections. <i>Journal of Controlled Release</i> , 2021, 339, 361-380.	4.8	52

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19	Pullulan-based dissolving microneedle arrays for enhanced transdermal delivery of small and large biomolecules. <i>International Journal of Biological Macromolecules</i> , 2020, 146, 290-298.	3.6	121
20	Localised and sustained intradermal delivery of methotrexate using nanocrystal-loaded microneedle arrays: Potential for enhanced treatment of psoriasis. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 152, 105469.	1.9	97
21	Microneedle liquid injection system assisted delivery of infection responsive nanoparticles: A promising approach for enhanced site-specific delivery of carvacrol against polymicrobial biofilms-infected wounds. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119643.	2.6	45
22	Development, Evaluation, and Pharmacokinetic Assessment of Polymeric Microarray Patches for Transdermal Delivery of Vancomycin Hydrochloride. <i>Molecular Pharmaceutics</i> , 2020, 17, 3353-3368.	2.3	32
23	Two-Photon Polymerisation 3D Printing of Microneedle Array Templates with Versatile Designs: Application in the Development of Polymeric Drug Delivery Systems. <i>Pharmaceutical Research</i> , 2020, 37, 174.	1.7	90
24	A sensitive HPLC-UV method for quantifying vancomycin in biological matrices: Application to pharmacokinetic and biodistribution studies in rat plasma, skin and lymph nodes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113429.	1.4	18
25	Development and characterisation of novel poly (vinyl alcohol)/poly (vinyl pyrrolidone)-based hydrogel-forming microneedle arrays for enhanced and sustained transdermal delivery of methotrexate. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119580.	2.6	101
26	Nanosuspension-Based Dissolving Microneedle Arrays for Intradermal Delivery of Curcumin. <i>Pharmaceutics</i> , 2019, 11, 308.	2.0	87
27	LB8. Microarray Patch Delivery of Long-Acting HIV PrEP and Contraception. <i>Open Forum Infectious Diseases</i> , 2019, 6, S996-S996.	0.4	9
28	Solid lipid nanoparticle-based dissolving microneedles: A promising intradermal lymph targeting drug delivery system with potential for enhanced treatment of lymphatic filariasis. <i>Journal of Controlled Release</i> , 2019, 316, 34-52.	4.8	122
29	Evaluation of microneedles-assisted in situ depot forming poloxamer gels for sustained transdermal drug delivery. <i>Drug Delivery and Translational Research</i> , 2019, 9, 764-782.	3.0	47
30	Rapidly dissolving bilayer microneedle arrays – A minimally invasive transdermal drug delivery system for vitamin B12. <i>International Journal of Pharmaceutics</i> , 2019, 566, 299-306.	2.6	43
31	New HPLC-MS method for rapid and simultaneous quantification of doxycycline, diethylcarbamazine and albendazole metabolites in rat plasma and organs after concomitant oral administration. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 243-253.	1.4	30
32	Bilayer Dissolving Microneedles Incorporating Hypericin-Loaded Nanocapsules For Improved Localised Photodynamic Therapy. <i>British Journal of Pharmacy</i> , 2019, 4, .	0.1	0
33	Polyethylene Glycol-Based Solid Dispersions to Enhance Eprosartan Mesylate Dissolution and Bioavailability. <i>Archives of Pharmacy &amp; Pharmacology Research</i> , 2019, 2, .	0.1	2
34	Nanotechnologies for tissue engineering and regeneration. , 2018, , 93-206.		12
35	P40 – Novel transdermal delivery system for methotrexate to treat juvenile idiopathic arthritis: no pain, only gain. <i>Rheumatology</i> , 2018, 57, .	0.9	1
36	Dissolving polymeric microneedle arrays for enhanced site-specific acyclovir delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 121, 200-209.	1.9	68

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37	Intradermal Delivery of a Near-Infrared Photosensitizer Using Dissolving Microneedle Arrays. Journal of Pharmaceutical Sciences, 2018, 107, 2439-2450.	1.6	22
38	Hydrogel-forming microneedles enhance transdermal delivery of metformin hydrochloride. Journal of Controlled Release, 2018, 285, 142-151.	4.8	177
39	Minimally invasive microneedles for ocular drug delivery. Expert Opinion on Drug Delivery, 2017, 14, 525-537.	2.4	101
40	Rapidly dissolving polymeric microneedles for minimally invasive intraocular drug delivery. Drug Delivery and Translational Research, 2016, 6, 800-815.	3.0	132
41	Permeation of bioactive constituents from Arnica montana preparations through human skin in-vitro. Journal of Pharmacy and Pharmacology, 2010, 58, 1167-1176.	1.2	9
42	An optimized reverse-phase high performance liquid chromatographic method for evaluating percutaneous absorption of glucosamine hydrochloride. Journal of Pharmaceutical and Biomedical Analysis, 2006, 41, 385-392.	1.4	20