

Courtney Jarrahan

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

870
citations

567144

15
h-index

526166

27
g-index

30
all docs

30
docs citations

30
times ranked

926
citing authors

#	ARTICLE	IF	CITATIONS
1	Manufacturing readiness assessment for evaluation of the microneedle array patch industry: an exploration of barriers to full-scale manufacturing. <i>Drug Delivery and Translational Research</i> , 2022, 12, 368-375.	3.0	14
2	Novel Bilayer Microarray Patchâ€Assisted Longâ€Acting Microâ€Depot Cabotegravir Intradermal Delivery for HIV Preâ€Exposure Prophylaxis. <i>Advanced Functional Materials</i> , 2022, 32, 2106999.	7.8	31
3	Evaluating the potential cost-effectiveness of microarray patches to expand access to hepatitis B birth dose vaccination in low-and middle-income countries: A modelling study. <i>PLOS Global Public Health</i> , 2022, 2, e0000394.	0.5	3
4	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
5	Strategies for vaccine-product innovation: Creating an enabling environment for product development to uptake in low- and middle-income countries. <i>Vaccine</i> , 2021, 39, 7208-7219.	1.7	11
6	Evaluating the cost per child vaccinated with full versus fractional-dose inactivated poliovirus vaccine. <i>Vaccine: X</i> , 2019, 2, 100032.	0.9	7
7	Potential use of microarray patches for vaccine delivery in low- and middle- income countries. <i>Vaccine</i> , 2019, 37, 4427-4434.	1.7	55
8	Design, Formulation, and Evaluation of Novel Dissolving Microarray Patches Containing Rilpivirine for Intravaginal Delivery. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801510.	3.9	39
9	Clinical study of safety and immunogenicity of pentavalent DTP-HB-Hib vaccine administered by disposable-syringe jet injector in India. <i>Contemporary Clinical Trials Communications</i> , 2019, 14, 100321.	0.5	11
10	Fractional-dose inactivated poliovirus vaccine, India. <i>Bulletin of the World Health Organization</i> , 2019, 97, 328-334.	1.5	14
11	Cost of goods sold and total cost of delivery for oral and parenteral vaccine packaging formats. <i>Vaccine</i> , 2018, 36, 1700-1709.	1.7	12
12	Transdermal delivery of vitamin K using dissolving microneedles for the prevention of vitamin K deficiency bleeding. <i>International Journal of Pharmaceutics</i> , 2018, 541, 56-63.	2.6	61
13	Immunogenicity and safety of measles-mumps-rubella vaccine delivered by disposable-syringe jet injector in India: A randomized, parallel group, non-inferiority trial. <i>Vaccine</i> , 2018, 36, 1220-1226.	1.7	15
14	Design, formulation and evaluation of novel dissolving microarray patches containing a long-acting rilpivirine nanosuspension. <i>Journal of Controlled Release</i> , 2018, 292, 119-129.	4.8	96
15	Technologies to Improve Immunization. , 2018, , 1320-1353.e17.		15
16	Vial usage, device dead space, vaccine wastage, and dose accuracy of intradermal delivery devices for inactivated poliovirus vaccine (IPV). <i>Vaccine</i> , 2017, 35, 1789-1796.	1.7	27
17	Vaccine vial stopper performance for fractional dose delivery of vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 1666-1668.	1.4	4
18	Challenges of vaccine presentation and delivery: How can we design vaccines to have optimal programmatic impact?. <i>Vaccine</i> , 2017, 35, 6793-6797.	1.7	22

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19	Exploring new packaging and delivery options for the immunization supply chain. <i>Vaccine</i> , 2017, 35, 2265-2271.	1.7	20
20	Transdermal delivery of gentamicin using dissolving microneedle arrays for potential treatment of neonatal sepsis. <i>Journal of Controlled Release</i> , 2017, 265, 30-40.	4.8	138
21	Intradermal Administration of Fractional Doses of Inactivated Poliovirus Vaccine: A Dose-Sparing Option for Polio Immunization. <i>Journal of Infectious Diseases</i> , 2017, 216, S161-S167.	1.9	55
22	Immunogenicity and safety of measles-mumps-rubella vaccine delivered by disposable-syringe jet injector in healthy Brazilian infants: A randomized non-inferiority study. <i>Contemporary Clinical Trials</i> , 2015, 41, 1-8.	0.8	12
23	Needle-free jet injector intradermal delivery of fractional dose inactivated poliovirus vaccine: Association between injection quality and immunogenicity. <i>Vaccine</i> , 2015, 33, 5873-5877.	1.7	38
24	Effect of jet injection on infectivity of measles, mumps, and rubella vaccine in a bench model. <i>Vaccine</i> , 2015, 33, 4540-4547.	1.7	7
25	A randomized clinical trial in adults and newborns in South Africa to compare the safety and immunogenicity of bacille Calmette-Guérin (BCG) vaccine administration via a disposable-syringe jet injector to conventional technique with needle and syringe. <i>Vaccine</i> , 2015, 33, 4719-4726.	1.7	17
26	Clinical performance and safety of adapters for intradermal delivery with conventional and autodisable syringes. <i>Vaccine</i> , 2015, 33, 4705-4711.	1.7	9
27	Intradermal delivery for vaccine dose sparing: Overview of current issues. <i>Vaccine</i> , 2013, 31, 3392-3395.	1.7	75
28	Clinical performance and safety of the ID adapter, a prototype intradermal delivery technology for vaccines, drugs, and diagnostic tests. <i>Procedia in Vaccinology</i> , 2012, 6, 125-133.	0.4	17
29	Syringes must be prioritized globally to ensure equitable access to COVID-19 and other essential vaccines and to sustain safe injection practices. <i>Human Vaccines and Immunotherapeutics</i> , 0, , .	1.4	2