

# Priyanka Ghosh

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

876  
citations

687363

13  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1114  
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges and opportunities in dermal/transdermal delivery. <i>Therapeutic Delivery</i> , 2010, 1, 109-131.	2.2	428
2	Heat effects on drug delivery across human skin. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 755-768.	5.0	65
3	Diclofenac delays micropore closure following microneedle treatment in human subjects. <i>Journal of Controlled Release</i> , 2012, 163, 220-229.	9.9	60
4	In vitro permeation of a pegylated naltrexone prodrug across microneedle-treated skin. <i>Journal of Controlled Release</i> , 2010, 146, 37-44.	9.9	48
5	In vitro "in vivo correlations for nicotine transdermal delivery systems evaluated by both in vitro skin permeation (IVPT) and in vivo serum pharmacokinetics under the influence of transient heat application. <i>Journal of Controlled Release</i> , 2018, 270, 76-88.	9.9	32
6	Fluvastatin as a Micropore Lifetime Enhancer for Sustained Delivery Across Microneedle-Treated Skin. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 652-660.	3.3	25
7	On the Road to Development of an in Vitro Permeation Test (IVPT) Model to Compare Heat Effects on Transdermal Delivery Systems: Exploratory Studies with Nicotine and Fentanyl. <i>Pharmaceutical Research</i> , 2017, 34, 1817-1830.	3.5	22
8	Microneedle-Assisted Percutaneous Delivery of Naltrexone Hydrochloride in Yucatan Minipig: In Vitro "In Vivo Correlation. <i>Molecular Pharmaceutics</i> , 2013, 10, 3745-3757.	4.6	21
9	Navigating sticky areas in transdermal product development. <i>Journal of Controlled Release</i> , 2016, 233, 1-9.	9.9	21
10	Development of a Codrug Approach for Sustained Drug Delivery Across Microneedle-Treated Skin. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 1458-1467.	3.3	20
11	Characterization of Temperature Profiles in Skin and Transdermal Delivery System When Exposed to Temperature Gradients In Vivo and In Vitro. <i>Pharmaceutical Research</i> , 2017, 34, 1491-1504.	3.5	17
12	Effect of Formulation pH on Transport of Naltrexone Species and Pore Closure in Microneedle-Enhanced Transdermal Drug Delivery. <i>Molecular Pharmaceutics</i> , 2013, 10, 2331-2339.	4.6	15
13	<i>In vitro/in vivo</i> correlations in transdermal product development. <i>Therapeutic Delivery</i> , 2015, 6, 1117-1124.	2.2	14
14	Cutaneous Pharmacokinetics of Acyclovir Cream 5% Products: Evaluating Bioequivalence with an In Vitro Permeation Test and an Adaptation of Scaled Average Bioequivalence. <i>Pharmaceutical Research</i> , 2020, 37, 210.	3.5	14
15	Modeling Temperature-Dependent Dermal Absorption and Clearance for Transdermal and Topical Drug Applications. <i>AAPS Journal</i> , 2020, 22, 70.	4.4	13
16	Evaluation of local bioavailability of metronidazole from topical formulations using dermal microdialysis: Preliminary study in a Yucatan mini-pig model. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 159, 105741.	4.0	12
17	Development of In Vivo Impedance Spectroscopy Techniques for Measurement of Micropore Formation Following Microneedle Insertion. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 1948-1956.	3.3	9
18	Evaluation of in vitro/in vivo correlations for three fentanyl transdermal delivery systems using in vitro skin permeation testing and human pharmacokinetic studies under the influence of transient heat application. <i>Journal of Controlled Release</i> , 2022, 342, 134-147.	9.9	9

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19	Optimization of Naltrexone Diclofenac Codrugs for Sustained Drug Delivery Across Microneedle-Treated Skin. <i>Pharmaceutical Research</i> , 2014, 31, 148-159.	3.5	8
20	Evaluation of Heat Effects on Transdermal Nicotine Delivery In Vitro and In Silico Using Heat-Enhanced Transport Model Analysis. <i>AAPS Journal</i> , 2020, 22, 82.	4.4	6
21	Cutaneous Pharmacokinetic Approaches to Compare Bioavailability and/or Bioequivalence for Topical Drug Products. <i>Dermatologic Clinics</i> , 2022, 40, 319-332.	1.7	6
22	Evaluation of Heat Effects on Fentanyl Transdermal Delivery Systems Using In Vitro Permeation and In Vitro Release Methods. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 3095-3104.	3.3	5
23	Determination of Rate and Extent of Scopolamine Release from Transderm Scop® Transdermal Drug Delivery Systems in Healthy Human Adults. <i>AAPS PharmSciTech</i> , 2020, 21, 117.	3.3	4
24	The dose-duration effect on cutaneous pharmacokinetics of metronidazole from topical dermatological formulations in Yucatan mini-pigs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 175, 43-52.	4.3	2