

Richard H Guy

List of Publications by Year in descending order

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375
papers

25,362
citations

6254

80
h-index

10445

139
g-index

381
all docs

381
docs citations

381
times ranked

12518
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of dermal bioavailability: predicting the input function for topical glucocorticoids using stratum corneum sampling. <i>Drug Delivery and Translational Research</i> , 2022, 12, 851-861.	5.8	3
2	Skin pharmacokinetics of diclofenac and co-delivered functional excipients. <i>International Journal of Pharmaceutics</i> , 2022, 614, 121469.	5.2	7
3	Reverse Iontophoretic Extraction of Skin Cancer-Related Biomarkers. <i>Pharmaceutics</i> , 2022, 14, 79.	4.5	5
4	Predicting topical drug clearance from the skin. <i>Drug Delivery and Translational Research</i> , 2021, 11, 729-740.	5.8	13
5	Skin Pharmacokinetics of Transdermal Scopolamine: Measurements and Modeling. <i>Molecular Pharmaceutics</i> , 2021, 18, 2714-2723.	4.6	8
6	Regulatory Science and Innovation Programme for Europe (ReSciPE): A proposed model. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 2530-2534.	2.4	11
7	The European Medicines Agency's goals for regulatory science to 2025. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 403-404.	46.4	17
8	Scanning the horizon: a systematic literature review of methodologies. <i>BMJ Open</i> , 2019, 9, e026764.	1.9	43
9	Simultaneous Transdermal Delivery of Buprenorphine Hydrochloride and Naltrexone Hydrochloride by Iontophoresis. <i>Molecular Pharmaceutics</i> , 2019, 16, 2808-2816.	4.6	14
10	Mechanism of human nail poration by high-repetition-rate, femtosecond laser ablation. <i>Drug Delivery and Translational Research</i> , 2019, 9, 956-967.	5.8	5
11	Potential of iontophoresis as a drug delivery method for midazolam in pediatrics. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 128, 137-143.	4.0	7
12	Topical bio(in)equivalence of metronidazole formulations in vivo. <i>International Journal of Pharmaceutics</i> , 2018, 541, 167-172.	5.2	14
13	Non-invasive, transdermal, path-selective and specific glucose monitoring via a graphene-based platform. <i>Nature Nanotechnology</i> , 2018, 13, 504-511.	31.5	242
14	Dermal Absorption of Pesticide Residues. <i>Chemical Research in Toxicology</i> , 2018, 31, 1356-1363.	3.3	8
15	Reverse Iontophoretic Extraction of Metabolites from Living Plants and their Identification by Ion Chromatography Coupled to High Resolution Mass Spectrometry. <i>Phytochemical Analysis</i> , 2017, 28, 195-201.	2.4	12
16	Bioequivalence Methodologies for Topical Drug Products: In Vitro and Ex Vivo Studies with a Corticosteroid and an Anti-Fungal Drug. <i>Pharmaceutical Research</i> , 2017, 34, 730-737.	3.5	24
17	Topical bioavailability of diclofenac from locally-acting, dermatological formulations. <i>International Journal of Pharmaceutics</i> , 2017, 529, 55-64.	5.2	38
18	Precise laser poration to control drug delivery into and through human nail. <i>Journal of Controlled Release</i> , 2017, 268, 72-77.	9.9	17

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19	Modelling drug flux through microporated skin. <i>Journal of Controlled Release</i> , 2016, 241, 194-199.	9.9	13
20	Femtosecond pulsed laser ablation to enhance drug delivery across the skin. <i>Journal of Biophotonics</i> , 2016, 9, 144-154.	2.3	21
21	Ibuprofen delivery into and through the skin from novel oxidized cellulose-based gels and conventional topical formulations. <i>International Journal of Pharmaceutics</i> , 2016, 514, 238-243.	5.2	29
22	Choice of Moisturiser for Eczema Treatment (COMET): feasibility study of a randomised controlled parallel group trial in children recruited from primary care. <i>BMJ Open</i> , 2016, 6, e012021.	1.9	20
23	Managing diabetes through the skin. <i>Nature Nanotechnology</i> , 2016, 11, 493-494.	31.5	26
24	Assessing the safety of cosmetic chemicals: Consideration of a flux decision tree to predict dermally delivered systemic dose for comparison with oral TTC (Threshold of Toxicological Concern). <i>Regulatory Toxicology and Pharmacology</i> , 2016, 76, 174-186.	2.7	50
25	The potential of polymeric film-forming systems as sustained delivery platforms for topical drugs. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 349-360.	5.0	44
26	Choice of Moisturiser for Eczema Treatment (COMET): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 304.	1.6	17
27	Development and in vitro evaluation of lipid nanoparticle-based dressings for topical treatment of chronic wounds. <i>International Journal of Pharmaceutics</i> , 2015, 490, 404-411.	5.2	29
28	Characterisation of Skin Barrier Function Using Bioengineering and Biophysical Techniques. <i>Pharmaceutical Research</i> , 2015, 32, 445-457.	3.5	10
29	Iontophoretic Transdermal Sampling of Iohexol as a Non-Invasive Tool to Assess Glomerular Filtration Rate. <i>Pharmaceutical Research</i> , 2015, 32, 590-603.	3.5	7
30	In Vitro Method to Quantify Dermal Absorption of Pesticide Residues. <i>Chemical Research in Toxicology</i> , 2015, 28, 166-168.	3.3	7
31	Formulation considerations in the design of topical, polymeric film-forming systems for sustained drug delivery to the skin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 91, 9-15.	4.3	70
32	Characterization of Topical Film-Forming Systems Using Atomic Force Microscopy and Raman Microspectroscopy. <i>Molecular Pharmaceutics</i> , 2015, 12, 751-757.	4.6	27
33	Iontophoresis of minoxidil sulphate loaded microparticles, a strategy for follicular drug targeting?. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 134, 408-412.	5.0	27
34	Molecular diffusion in the human nail measured by stimulated Raman scattering microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7725-7730.	7.1	40
35	Biophysical elucidation of the mechanism of enhanced drug release and topical delivery from polymeric film-forming systems. <i>Journal of Controlled Release</i> , 2015, 212, 103-112.	9.9	24
36	Drug delivery into microneedle-porated nails from nanoparticle reservoirs. <i>Journal of Controlled Release</i> , 2015, 220, 98-106.	9.9	38

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37	Topical formulation and dermal delivery of active phenolic compounds in the Thai medicinal plant "Clerodendrum petasites S. Moore. International Journal of Pharmaceutics, 2015, 478, 39-45.	5.2	12
38	A non-rewarding, non-aversive buprenorphine/naltrexone combination attenuates drug-primed reinstatement to cocaine and morphine in rats in a conditioned place preference paradigm. Addiction Biology, 2014, 19, 575-586.	2.6	37
39	Characterisation of polyphenolic compounds in Clerodendrum petasites S. Moore and their potential for topical delivery through the skin. Journal of Ethnopharmacology, 2014, 154, 400-407.	4.1	34
40	Effective use of transdermal drug delivery in children. Advanced Drug Delivery Reviews, 2014, 73, 63-82.	13.7	77
41	Serious photocontact dermatitis induced by topical ketoprofen depends on the formulation. European Journal of Dermatology, 2014, 24, 365-371.	0.6	16
42	Evaluation of drug delivery to intact and porated skin by coherent Raman scattering and fluorescence microscopies. Journal of Controlled Release, 2014, 174, 37-42.	9.9	70
43	Transdermal drug delivery: 30 + years of war and still fighting!. Journal of Controlled Release, 2014, 190, 150-156.	9.9	225
44	Imaging Drug Delivery to Skin with Coherent Raman Scattering Microscopy. , 2014, , 225-231.		1
45	Effects of Iontophoresis, Hydration, and Permeation Enhancers on Human Nail Plate: Infrared and Impedance Spectroscopy Assessment. Pharmaceutical Research, 2013, 30, 1652-1662.	3.5	16
46	Skin - "That Unfakeable Young Surface". Skin Pharmacology and Physiology, 2013, 26, 181-189.	2.5	4
47	Transdermal flux predictions for selected selective oestrogen receptor modulators (SERMs): Comparison with experimental results. Journal of Controlled Release, 2013, 172, 601-606.	9.9	8
48	Mechanical Tomography of Human Corneocytes with a Nanoneedle. Journal of Investigative Dermatology, 2013, 133, 1565-1571.	0.7	28
49	Products in "Bounty bags" potentially harm newborn skin. BMJ, The, 2013, 346, f3895-f3895.	6.0	0
50	Iontophoresis-Targeted, Follicular Delivery of Minoxidil Sulfate for the Treatment of Alopecia. Journal of Pharmaceutical Sciences, 2013, 102, 1488-1494.	3.3	36
51	Novel Imaging Method to Quantify Stratum Corneum in Dermatopharmacokinetic Studies. Pharmaceutical Research, 2012, 29, 2389-2397.	3.5	12
52	Novel Imaging Method to Quantify Stratum Corneum in Dermatopharmacokinetic Studies: Proof-of-Concept with Acyclovir Formulations. Pharmaceutical Research, 2012, 29, 3362-3372.	3.5	13
53	Passive and iontophoretic transdermal delivery of phenobarbital: Implications in paediatric therapy. International Journal of Pharmaceutics, 2012, 435, 76-82.	5.2	17
54	Transdermal iontophoresis of ranitidine: An opportunity in paediatric drug therapy. International Journal of Pharmaceutics, 2012, 435, 27-32.	5.2	39

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55	Comparison of gravimetric and spectroscopic approaches to quantify stratum corneum removed by tape-stripping. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 82, 171-174.	4.3	38
56	Objective assessment of nanoparticle disposition in mammalian skin after topical exposure. <i>Journal of Controlled Release</i> , 2012, 162, 201-207.	9.9	150
57	Perturbation of solute transport at a liquid-liquid interface by polyethylene glycol (PEG): implications for PEG-induced biomembrane fusion. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 5346.	2.8	5
58	Assessment of Dermal Exposure to Pesticide Residues during Re-entry. <i>Environmental Science & Technology</i> , 2011, 45, 4609-4615.	10.0	26
59	Imaging Drug Delivery to Skin with Stimulated Raman Scattering Microscopy. <i>Molecular Pharmaceutics</i> , 2011, 8, 969-975.	4.6	162
60	Iontophoresis-Recent Developments. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 50, 371-374.	2.4	55
61	Diffusion coefficient determination using a filter-paper diaphragm cell technique. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 33, 121-123.	2.4	18
62	Mathematical models of skin permeability: An overview. <i>International Journal of Pharmaceutics</i> , 2011, 418, 115-129.	5.2	294
63	Optimisation of Cosolvent Concentration for Topical Drug Delivery III - Influence of Lipophilic Vehicles on Ibuprofen Permeation. <i>Skin Pharmacology and Physiology</i> , 2011, 24, 22-26.	2.5	28
64	Release of non-electrolytes from liposomes. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 35, 12-14.	2.4	4
65	Trans-scleral iontophoretic delivery of low molecular weight therapeutics. <i>Journal of Controlled Release</i> , 2010, 147, 225-231.	9.9	54
66	Microemulsion formulations for the transdermal delivery of testosterone. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 40, 188-196.	4.0	144
67	Extraction and quantification of amino acids in human stratum corneum <i>in vivo</i> . <i>British Journal of Dermatology</i> , 2010, 163, 458-465.	1.5	31
68	Effect of Aqueous Cream BP on human stratum corneum <i>in vivo</i> . <i>British Journal of Dermatology</i> , 2010, 163, 954-958.	1.5	70
69	Disposition of Charged Nanoparticles after Their Topical Application to the Skin. <i>Skin Pharmacology and Physiology</i> , 2010, 23, 117-123.	2.5	80
70	Uptake of Microemulsion Components into the Stratum Corneum and Their Molecular Effects on Skin Barrier Function. <i>Molecular Pharmaceutics</i> , 2010, 7, 1266-1273.	4.6	86
71	Non-invasive assessment of the effects of iontophoresis on human skin <i>in-vivo</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 769-777.	2.4	55
72	Transdermal Drug Delivery. <i>Handbook of Experimental Pharmacology</i> , 2010, , 399-410.	1.8	65

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73	Predicting the Rate and Extent of Fragrance Chemical Absorption into and through the Skin. <i>Chemical Research in Toxicology</i> , 2010, 23, 864-870.	3.3	27
74	Measurement and prediction of the rate and extent of drug delivery into and through the skin. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 355-369.	5.0	40
75	Effects of Various Vehicles on Skin Hydration in vivo. <i>Skin Pharmacology and Physiology</i> , 2009, 22, 128-130.	2.5	21
76	Leichtnam M-L, Rolland H, WÃ¼thrich P, Guy R. 2006. Formulation and evaluation of a testosterone transdermal spray. <i>J Pharm Sci</i> 95: 1693â€“1702.. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 3876.	3.3	0
77	Improved Bioequivalence Assessment of Topical Dermatological Drug Products Using Dermatopharmacokinetics. <i>Pharmaceutical Research</i> , 2009, 26, 316-328.	3.5	82
78	Dermatopharmacokinetics: Factors Influencing Drug Clearance from the Stratum Corneum. <i>Pharmaceutical Research</i> , 2009, 26, 865-871.	3.5	29
79	Drug Delivery to the Skin From Sub-micron Polymeric Particle Formulations: Influence of Particle Size and Polymer Hydrophobicity. <i>Pharmaceutical Research</i> , 2009, 26, 1995-2001.	3.5	35
80	Reverse Iontophoresis of Amino Acids: Identification and Separation of Stratum Corneum and Subdermal Sources In Vitro. <i>Pharmaceutical Research</i> , 2009, 26, 2630-2638.	3.5	18
81	Pharmacodynamics and dermatopharmacokinetics of betamethasone 17-valerate: assessment of topical bioavailability. <i>British Journal of Dermatology</i> , 2009, 160, 676-686.	1.5	37
82	Prediction of chemical absorption into and through the skin from cosmetic and dermatological formulations. <i>British Journal of Dermatology</i> , 2009, 160, 80-91.	1.5	44
83	Epidermal Barrier Dysfunction in Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1892-1908.	0.7	612
84	Dermatopharmacokinetics of betamethasone 17-valerate: Influence of formulation viscosity and skin surface cleaning procedure. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 362-366.	4.3	35
85	Dye diffusion from microcapsules with different shell thickness into mammalian skin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 62-68.	4.3	31
86	Extraction of amino acids by reverse iontophoresis in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 226-231.	4.3	33
87	Influence of polymer adjuvants on the ultrasound-mediated transfection of cells in culture. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 567-573.	4.3	7
88	Disposition of Nanoparticles and an Associated Lipophilic Permeant following Topical Application to the Skin. <i>Molecular Pharmaceutics</i> , 2009, 6, 1441-1448.	4.6	81
89	Preparation and in Vitro Evaluation of Topical Formulations Based on Polystyrene-poly-2-hydroxyl Methacrylate Nanoparticles. <i>Molecular Pharmaceutics</i> , 2009, 6, 1449-1456.	4.6	24
90	Influence of Ethanol on the Solubility, Ionization and Permeation Characteristics of Ibuprofen in Silicone and Human Skin. <i>Skin Pharmacology and Physiology</i> , 2009, 22, 15-21.	2.5	82

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91	Optimisation of Cosolvent Concentration for Topical Drug Delivery – II: Influence of Propylene Glycol on Ibuprofen Permeation. <i>Skin Pharmacology and Physiology</i> , 2009, 22, 225-230.	2.5	55
92	Novel Beads Made of Alpha-cyclodextrin and Oil for Topical Delivery of a Lipophilic Drug. <i>Pharmaceutical Research</i> , 2008, 25, 435-440.	3.5	37
93	In Vivo Methods for the Assessment of Topical Drug Bioavailability. <i>Pharmaceutical Research</i> , 2008, 25, 87-103.	3.5	214
94	Optimizing Metrics for the Assessment of Bioequivalence Between Topical Drug Products. <i>Pharmaceutical Research</i> , 2008, 25, 1621-1630.	3.5	41
95	Effect of propylene glycol on ibuprofen absorption into human skin in vivo. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 185-197.	3.3	73
96	Iontophoresis of dexamethasone phosphate: Competition with chloride ions. <i>Journal of Controlled Release</i> , 2008, 131, 41-46.	9.9	21
97	Bioavailability and bioequivalence of topical glucocorticoids. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 68, 453-466.	4.3	121
98	In vivo infrared spectroscopy studies of alkanol effects on human skin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 1171-1175.	4.3	53
99	Non-invasive diagnosis and monitoring of chronic kidney disease by reverse iontophoresis of urea in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 1077-1082.	4.3	28
100	Extraction of amino acids by reverse iontophoresis: Simulation of therapeutic monitoring in vitro. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 70, 908-913.	4.3	12
101	In Vitro Optimization of Dexamethasone Phosphate Delivery by Iontophoresis. <i>Physical Therapy</i> , 2008, 88, 1177-1185.	2.4	30
102	Application of the threshold of toxicological concern (TTC) to the safety evaluation of cosmetic ingredients. <i>Food and Chemical Toxicology</i> , 2007, 45, 2533-2562.	3.6	1,336
103	Ultrasound-Mediated Gene Delivery: Influence of Contrast Agent on Transfection. <i>Bioconjugate Chemistry</i> , 2007, 18, 652-662.	3.6	70
104	Transdermal science and technology-an update. <i>Drug Delivery System</i> , 2007, 22, 442-449.	0.0	11
105	Impact of Antinucleants on Transdermal Delivery of Testosterone from a Spray. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 84-92.	3.3	18
106	Reverse iontophoresis of Lactate: In vitro and in vivo studies. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 3457-3465.	3.3	25
107	Ibuprofen Transport into and through Skin from Topical Formulations: In Vitro – In Vivo Comparison. <i>Journal of Investigative Dermatology</i> , 2007, 127, 135-142.	0.7	82
108	Dermatopharmacokinetic Prediction of Topical Drug Bioavailability In Vivo. <i>Journal of Investigative Dermatology</i> , 2007, 127, 887-894.	0.7	74

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109	Ex vivo evaluation of bioadhesive films for buccal delivery of fentanyl. <i>Journal of Controlled Release</i> , 2007, 122, 135-140.	9.9	88
110	Quantitative structure- permeation relationship for iontophoretic transport across the skin. <i>Journal of Controlled Release</i> , 2007, 122, 165-172.	9.9	50
111	Enhanced Delivery of 5-Aminolevulinic Acid Esters by Iontophoresis In Vitro. <i>Photochemistry and Photobiology</i> , 2007, 77, 304-308.	2.5	3
112	Monitoring of Urea and Potassium by Reverse Iontophoresis In Vitro. <i>Pharmaceutical Research</i> , 2007, 24, 1131-1137.	3.5	28
113	Assessment of the "Skin Reservoir" of Urea by Confocal Raman Microspectroscopy and Reverse Iontophoresis in vivo. <i>Pharmaceutical Research</i> , 2007, 24, 1897-1901.	3.5	35
114	Transport Numbers in Transdermal Iontophoresis. <i>Biophysical Journal</i> , 2006, 90, 2822-2830.	0.5	48
115	Testosterone Hormone Replacement Therapy: State-of-the-Art and Emerging Technologies. <i>Pharmaceutical Research</i> , 2006, 23, 1117-1132.	3.5	16
116	Pig Ear Skin ex Vivo as a Model for in Vivo Dermatopharmacokinetic Studies in Man. <i>Pharmaceutical Research</i> , 2006, 23, 1850-1856.	3.5	160
117	Topical Iontophoresis of Valaciclovir Hydrochloride Improves Cutaneous Aciclovir Delivery. <i>Pharmaceutical Research</i> , 2006, 23, 1842-1849.	3.5	26
118	Structure- permeation relationships for the non-invasive transdermal delivery of cationic peptides by iontophoresis. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 29, 53-59.	4.0	26
119	Prediction of iontophoretic transport across the skin. <i>Journal of Controlled Release</i> , 2006, 111, 362-367.	9.9	32
120	Identification of penetration enhancers for testosterone transdermal delivery from spray formulations. <i>Journal of Controlled Release</i> , 2006, 113, 57-62.	9.9	28
121	Electromigration of ions across the skin: Determination and prediction of transport numbers. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 561-569.	3.3	21
122	Formulation and evaluation of a testosterone transdermal spray. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 1693-1702.	3.3	28
123	Enhancement of Transdermal Testosterone Delivery By Supersaturation. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 2373-2379.	3.3	18
124	Physical methods for gene transfer: Improving the kinetics of gene delivery into cells. <i>Advanced Drug Delivery Reviews</i> , 2005, 57, 733-753.	13.7	342
125	Effect of amino acid sequence on transdermal iontophoretic peptide delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 26, 429-437.	4.0	22
126	Comparison of the lipid composition of porcine buccal and esophageal permeability barriers. <i>Archives of Oral Biology</i> , 2005, 50, 981-987.	1.8	76

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127	Plasma membrane poration induced by ultrasound exposure: Implication for drug delivery. Journal of Controlled Release, 2005, 104, 213-222.	9.9	314
128	Ultrasound-mediated gene delivery: Kinetics of plasmid internalization and gene expression. Journal of Controlled Release, 2005, 104, 203-211.	9.9	90
129	Contributions of electromigration and electroosmosis to peptide iontophoresis across intact and impaired skin. Journal of Controlled Release, 2005, 108, 319-330.	9.9	46
130	Evaluation of pig esophageal mucosa as a permeability barrier model for buccal tissue. Journal of Pharmaceutical Sciences, 2005, 94, 2777-2788.	3.3	88
131	Transdermal Iontophoretic Delivery of Triptorelin in Vitro. Journal of Pharmaceutical Sciences, 2005, 94, 2175-2182.	3.3	27
132	Capillary zone electrophoresis for the estimation of transdermal iontophoretic mobility. Journal of Pharmaceutical Sciences, 2005, 94, 2667-2675.	3.3	18
133	Transdermal Iontophoretic Delivery of Vapreotide Acetate Across Porcine Skin in Vitro. Pharmaceutical Research, 2005, 22, 1305-1312.	3.5	27
134	Transport of Fentanyl Through Pig Buccal and Esophageal Epithelia in Vitro. Influence of Concentration and Vehicle pH. Pharmaceutical Research, 2005, 22, 1525-1529.	3.5	30
135	Effect of Charge and Molecular Weight on Transdermal Peptide Delivery by Iontophoresis. Pharmaceutical Research, 2005, 22, 2069-2078.	3.5	47
136	Percutaneous Absorption of 4-Cyanophenol from Freshly Contaminated Soil in Vitro: Effects of Soil Loading and Contamination Concentration. Environmental Science & Technology, 2005, 39, 3723-3731.	10.0	10
137	Reverse iontophoresis of lithium: electrode formulation using a thermoreversible polymer. European Journal of Pharmaceutics and Biopharmaceutics, 2005, 59, 237-240.	4.3	9
138	Emerging strategies for the transdermal delivery of peptide and protein drugs. Expert Opinion on Drug Delivery, 2005, 2, 533-548.	5.0	98
139	Noninvasive and Minimally Invasive Methods for Transdermal Glucose Monitoring. Diabetes Technology and Therapeutics, 2005, 7, 174-197.	4.4	90
140	Modeling Dermal Absorption from Soils and Powders Using Stratum Corneum Tape-Stripping In Vivo. , 2005, , 191-212.		1
141	Iontophoresis. , 2005, , 177-219.		5
142	Reverse iontophoresis for non-invasive transdermal monitoring. Physiological Measurement, 2004, 25, R35-R50.	2.1	117
143	Noninvasive Glucose Monitoring by Reverse Iontophoresis in Vivo: Application of the Internal Standard Concept. Clinical Chemistry, 2004, 50, 1383-1390.	3.2	100
144	Skin penetration and distribution of polymeric nanoparticles. Journal of Controlled Release, 2004, 99, 53-62.	9.9	511

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145	Transdermal delivery from a lipid sponge phase—iontophoretic and passive transport in vitro of 5-aminolevulinic acid and its methyl ester. <i>Journal of Controlled Release</i> , 2004, 100, 191-198.	9.9	58
146	Non-invasive monitoring of phenytoin by reverse iontophoresis. <i>European Journal of Pharmaceutical Sciences</i> , 2004, 22, 427-433.	4.0	40
147	Photodynamic therapy of skin cancer: controlled drug delivery of 5-ALA and its esters. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 77-94.	13.7	194
148	Iontophoretic drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 619-658.	13.7	684
149	Quantitative Structure-Permeation Relationships (QSPeRs) to Predict Skin Permeation: A Critical Evaluation. <i>Pharmaceutical Research</i> , 2004, 21, 83-92.	3.5	134
150	Reverse Iontophoresis as a Noninvasive Tool for Lithium Monitoring and Pharmacokinetic Profiling. <i>Pharmaceutical Research</i> , 2004, 21, 1214-1222.	3.5	30
151	Porcine Ear Skin as a Model for the Assessment of Transdermal Drug Delivery to Premature Neonates. <i>Pharmaceutical Research</i> , 2004, 21, 1390-1397.	3.5	67
152	Simultaneous Extraction of Urea and Glucose by Reverse Iontophoresis in Vivo. <i>Pharmaceutical Research</i> , 2004, 21, 1805-1810.	3.5	25
153	Enhancement of Topical Delivery from Biodegradable Nanoparticles. <i>Pharmaceutical Research</i> , 2004, 21, 1818-1825.	3.5	212
154	Development of an in vitro model for premature neonatal skin: Biophysical characterization using transepidermal water loss. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 2936-2940.	3.3	26
155	Non-invasive assessment of the effect of formulation excipients on stratum corneum barrier function in vivo. <i>International Journal of Pharmaceutics</i> , 2004, 271, 251-256.	5.2	58
156	Lithium Monitoring by Reverse Iontophoresis in Vivo. <i>Clinical Chemistry</i> , 2004, 50, 2091-2100.	3.2	64
157	Electroosmosis in Transdermal Iontophoresis: Implications for Noninvasive and Calibration-Free Glucose Monitoring. <i>Biophysical Journal</i> , 2004, 87, 3344-3350.	0.5	74
158	Visualization of skin penetration using confocal laser scanning microscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 58, 301-316.	4.3	228
159	Transdermal reverse iontophoresis of valproate: a noninvasive method for therapeutic drug monitoring. <i>Pharmaceutical Research</i> , 2003, 20, 1508-1513.	3.5	43
160	Optimization of aminolevulinic acid delivery by iontophoresis. <i>Journal of Controlled Release</i> , 2003, 88, 65-70.	9.9	64
161	Frequency and thermal effects on the enhancement of transdermal transport by sonophoresis. <i>Journal of Controlled Release</i> , 2003, 88, 85-94.	9.9	90
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