

Richard H Guy

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

368
papers

20,999
citations

73
h-index

126
g-index

381
ext. papers

22,908
ext. citations

6.5
avg, IF

6.75
L-index

#	Paper	IF	Citations
368	Skin pharmacokinetics of diclofenac and co-delivered functional excipients.. <i>International Journal of Pharmaceutics</i> , 2022 , 614, 121469	6.5	2
367	Skin Pharmacokinetics of Transdermal Scopolamine: Measurements and Modeling. <i>Molecular Pharmaceutics</i> , 2021 , 18, 2714-2723	5.6	2
366	Predicting topical drug clearance from the skin. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 729-740	6	6
365	Assessment of dermal bioavailability: predicting the input function for topical glucocorticoids using stratum corneum sampling. <i>Drug Delivery and Translational Research</i> , 2021 , 1	6.2	1
364	Regulatory Science and Innovation Programme for Europe (ReSciPE): A proposed model. <i>British Journal of Clinical Pharmacology</i> , 2020 , 86, 2530-2534	3.8	8
363	Scanning the horizon: a systematic literature review of methodologies. <i>BMJ Open</i> , 2019 , 9, e026764	3	21
362	Simultaneous Transdermal Delivery of Buprenorphine Hydrochloride and Naltrexone Hydrochloride by Iontophoresis. <i>Molecular Pharmaceutics</i> , 2019 , 16, 2808-2816	5.6	10
361	Mechanism of human nail poration by high-repetition-rate, femtosecond laser ablation. <i>Drug Delivery and Translational Research</i> , 2019 , 9, 956-967	6.2	4
360	Potential of iontophoresis as a drug delivery method for midazolam in pediatrics. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 128, 137-143	5.1	5
359	Topical bio(in)equivalence of metronidazole formulations in vivo. <i>International Journal of Pharmaceutics</i> , 2018 , 541, 167-172	6.5	9
358	Non-invasive, transdermal, path-selective and specific glucose monitoring via a graphene-based platform. <i>Nature Nanotechnology</i> , 2018 , 13, 504-511	28.7	166
357	Dermal Absorption of Pesticide Residues. <i>Chemical Research in Toxicology</i> , 2018 , 31, 1356-1363	4	7
356	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	3.4	7
355	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	4.5	16
354	Topical bioavailability of diclofenac from locally-acting, dermatological formulations. <i>International Journal of Pharmaceutics</i> , 2017 , 529, 55-64	6.5	29
353	Precise laser poration to control drug delivery into and through human nail. <i>Journal of Controlled Release</i> , 2017 , 268, 72-77	11.7	13
352	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	6.5	18

351	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	3	16
350	Diagnostic devices: Managing diabetes through the skin. <i>Nature Nanotechnology</i> , 2016 , 11, 493-494	28.7	22
349	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, 174-86	3.4	40
348	The potential of polymeric film-forming systems as sustained delivery platforms for topical drugs. <i>Expert Opinion on Drug Delivery</i> , 2016 , 13, 349-60	8	28
347	Modelling drug flux through microporated skin. <i>Journal of Controlled Release</i> , 2016 , 241, 194-199	11.7	10
346	Femtosecond pulsed laser ablation to enhance drug delivery across the skin. <i>Journal of Biophotonics</i> , 2016 , 9, 144-54	3.1	13
345	Characterization of topical film-forming systems using atomic force microscopy and Raman microspectroscopy. <i>Molecular Pharmaceutics</i> , 2015 , 12, 751-7	5.6	22
344	Iontophoresis of minoxidil sulphate loaded microparticles, a strategy for follicular drug targeting?. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 134, 408-12	6	24
343	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, 7725-30	11.5	33
342	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, 103-12	11.7	20
341	Drug delivery into microneedle-porated nails from nanoparticle reservoirs. <i>Journal of Controlled Release</i> , 2015 , 220, 98-106	11.7	28
340	Topical formulation and dermal delivery of active phenolic compounds in the Thai medicinal plant-- <i>Clerodendrum petasites</i> S. Moore. <i>International Journal of Pharmaceutics</i> , 2015 , 478, 39-45	6.5	12
339	Choice of Moisturiser for Eczema Treatment (COMET): study protocol for a randomized controlled trial. <i>Trials</i> , 2015 , 16, 304	2.8	15
338	Development and in vitro evaluation of lipid nanoparticle-based dressings for topical treatment of chronic wounds. <i>International Journal of Pharmaceutics</i> , 2015 , 490, 404-11	6.5	24
337	Characterisation of skin barrier function using bioengineering and biophysical techniques. <i>Pharmaceutical Research</i> , 2015 , 32, 445-57	4.5	7
336	Iontophoretic transdermal sampling of iohexol as a non-invasive tool to assess glomerular filtration rate. <i>Pharmaceutical Research</i> , 2015 , 32, 590-603	4.5	4
335	In Vitro Method to Quantify Dermal Absorption of Pesticide Residues. <i>Chemical Research in Toxicology</i> , 2015 , 28, 166-8	4	7
334	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	5.7	52

333	Characterisation of polyphenolic compounds in <i>Clerodendrum petasites</i> S. Moore and their potential for topical delivery through the skin. <i>Journal of Ethnopharmacology</i> , 2014 , 154, 400-7	5	31
332	Effective use of transdermal drug delivery in children. <i>Advanced Drug Delivery Reviews</i> , 2014 , 73, 63-82	18.5	57
331	Serious photocontact dermatitis induced by topical ketoprofen depends on the formulation. <i>European Journal of Dermatology</i> , 2014 , 24, 365-71	0.8	14
330	Evaluation of drug delivery to intact and porated skin by coherent Raman scattering and fluorescence microscopies. <i>Journal of Controlled Release</i> , 2014 , 174, 37-42	11.7	57
329	Transdermal drug delivery: 30+ years of war and still fighting!. <i>Journal of Controlled Release</i> , 2014 , 190, 150-6	11.7	173
328	A non-rewarding, non-aversive buprenorphine/naltrexone combination attenuates drug-primed reinstatement to cocaine and morphine in rats in a conditioned place preference paradigm. <i>Addiction Biology</i> , 2014 , 19, 575-86	4.6	35
327	Imaging Drug Delivery to Skin with Coherent Raman Scattering Microscopy 2014 , 225-231		
326	Effects of iontophoresis, hydration, and permeation enhancers on human nail plate: infrared and impedance spectroscopy assessment. <i>Pharmaceutical Research</i> , 2013 , 30, 1652-62	4.5	9
325	Skin-Chat unfakeable young surface OSkin <i>Pharmacology and Physiology</i> , 2013 , 26, 181-9	3	3
324	Transdermal flux predictions for selected selective oestrogen receptor modulators (SERMs): comparison with experimental results. <i>Journal of Controlled Release</i> , 2013 , 172, 601-6	11.7	6
323	Mechanical tomography of human corneocytes with a nanoneedle. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 1565-71	4.3	23
322	Iontophoresis-targeted, follicular delivery of minoxidil sulfate for the treatment of alopecia. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 1488-94	3.9	32
321	Objective assessment of nanoparticle disposition in mammalian skin after topical exposure. <i>Journal of Controlled Release</i> , 2012 , 162, 201-7	11.7	118
320	Novel imaging method to quantify stratum corneum in dermatopharmacokinetic studies. <i>Pharmaceutical Research</i> , 2012 , 29, 2389-97	4.5	12
319	Novel imaging method to quantify stratum corneum in dermatopharmacokinetic studies: proof-of-concept with acyclovir formulations. <i>Pharmaceutical Research</i> , 2012 , 29, 3362-72	4.5	13
318	Passive and iontophoretic transdermal delivery of phenobarbital: Implications in paediatric therapy. <i>International Journal of Pharmaceutics</i> , 2012 , 435, 76-82	6.5	17
317	Transdermal iontophoresis of ranitidine: an opportunity in paediatric drug therapy. <i>International Journal of Pharmaceutics</i> , 2012 , 435, 27-32	6.5	33
316	Comparison of gravimetric and spectroscopic approaches to quantify stratum corneum removed by tape-stripping. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 82, 171-4	5.7	34

3 ¹⁵	Imaging drug delivery to skin with stimulated Raman scattering microscopy. <i>Molecular Pharmaceutics</i> , 2011 , 8, 969-75	5.6	130
3 ¹⁴	Mathematical models of skin permeability: an overview. <i>International Journal of Pharmaceutics</i> , 2011 , 418, 115-29	6.5	240
3 ¹³	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, 5346-52	3.6	4
3 ¹²	Assessment of dermal exposure to pesticide residues during re-entry. <i>Environmental Science & Technology</i> , 2011 , 45, 4609-15	10.3	21
3 ¹¹	Optimisation of cosolvent concentration for topical drug delivery III--influence of lipophilic vehicles on ibuprofen permeation. <i>Skin Pharmacology and Physiology</i> , 2011 , 24, 22-6	3	24
3 ¹⁰	Extraction and quantification of amino acids in human stratum corneum in vivo. <i>British Journal of Dermatology</i> , 2010 , 163, 458-65	4	24
3 ⁰⁹	Effect of Aqueous Cream BP on human stratum corneum in vivo. <i>British Journal of Dermatology</i> , 2010 , 163, 954-8	4	58
3 ⁰⁸	Disposition of charged nanoparticles after their topical application to the skin. <i>Skin Pharmacology and Physiology</i> , 2010 , 23, 117-23	3	72
3 ⁰⁷	Uptake of microemulsion components into the stratum corneum and their molecular effects on skin barrier function. <i>Molecular Pharmaceutics</i> , 2010 , 7, 1266-73	5.6	68
3 ⁰⁶	Transdermal drug delivery. <i>Handbook of Experimental Pharmacology</i> , 2010 , 399-410	3.2	52
3 ⁰⁵	Predicting the rate and extent of fragrance chemical absorption into and through the skin. <i>Chemical Research in Toxicology</i> , 2010 , 23, 864-70	4	23
3 ⁰⁴	Trans-scleral iontophoretic delivery of low molecular weight therapeutics. <i>Journal of Controlled Release</i> , 2010 , 147, 225-31	11.7	48
3 ⁰³	Microemulsion formulations for the transdermal delivery of testosterone. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 40, 188-96	5.1	130
3 ⁰²	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, 355-69	8	38
3 ⁰¹	Effects of various vehicles on skin hydration in vivo. <i>Skin Pharmacology and Physiology</i> , 2009 , 22, 128-30	3	20
3 ⁰⁰	Improved bioequivalence assessment of topical dermatological drug products using dermatopharmacokinetics. <i>Pharmaceutical Research</i> , 2009 , 26, 316-28	4.5	68
2 ⁹⁹	Dermatopharmacokinetics: factors influencing drug clearance from the stratum corneum. <i>Pharmaceutical Research</i> , 2009 , 26, 865-71	4.5	26
2 ⁹⁸	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	4.5	30

297	Reverse iontophoresis of amino acids: identification and separation of stratum corneum and subdermal sources in vitro. <i>Pharmaceutical Research</i> , 2009 , 26, 2630-8	4.5	14
296	Pharmacodynamics and dermatopharmacokinetics of betamethasone 17-valerate: assessment of topical bioavailability. <i>British Journal of Dermatology</i> , 2009 , 160, 676-86	4	32
295	Prediction of chemical absorption into and through the skin from cosmetic and dermatological formulations. <i>British Journal of Dermatology</i> , 2009 , 160, 80-91	4	40
294	Epidermal barrier dysfunction in atopic dermatitis. <i>Journal of Investigative Dermatology</i> , 2009 , 129, 1892-908	4.9	479
293	Dermatopharmacokinetics of betamethasone 17-valerate: influence of formulation viscosity and skin surface cleaning procedure. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 71, 362-8	5.7	30
292	Dye diffusion from microcapsules with different shell thickness into mammalian skin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 72, 62-8	5.7	29
291	Extraction of amino acids by reverse iontophoresis in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 72, 226-31	5.7	24
290	Influence of polymer adjuvants on the ultrasound-mediated transfection of cells in culture. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 72, 567-73	5.7	6
289	Disposition of nanoparticles and an associated lipophilic permeant following topical application to the skin. <i>Molecular Pharmaceutics</i> , 2009 , 6, 1441-8	5.6	74
288	Preparation and in vitro evaluation of topical formulations based on polystyrene-poly-2-hydroxyl methacrylate nanoparticles. <i>Molecular Pharmaceutics</i> , 2009 , 6, 1449-56	5.6	21
287	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	3	70
286	Optimisation of cosolvent concentration for topical drug delivery - II: influence of propylene glycol on ibuprofen permeation. <i>Skin Pharmacology and Physiology</i> , 2009 , 22, 225-30	3	51
285	Iontophoresis of dexamethasone phosphate: competition with chloride ions. <i>Journal of Controlled Release</i> , 2008 , 131, 41-6	11.7	21
284	Bioavailability and bioequivalence of topical glucocorticoids. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 68, 453-66	5.7	98
283	In vivo infrared spectroscopy studies of alkanol effects on human skin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 69, 1171-5	5.7	48
282	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, 1077-82	5.7	21
281	Extraction of amino acids by reverse iontophoresis: simulation of therapeutic monitoring in vitro. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 70, 908-13	5.7	10
280	In vitro optimization of dexamethasone phosphate delivery by iontophoresis. <i>Physical Therapy</i> , 2008 , 88, 1177-85	3.3	27

279	Novel beads made of alpha-cyclodextrin and oil for topical delivery of a lipophilic drug. <i>Pharmaceutical Research</i> , 2008 , 25, 435-40	4.5	29
278	In vivo methods for the assessment of topical drug bioavailability. <i>Pharmaceutical Research</i> , 2008 , 25, 87-103	4.5	175
277	Optimizing metrics for the assessment of bioequivalence between topical drug products. <i>Pharmaceutical Research</i> , 2008 , 25, 1621-30	4.5	35
276	Effect of propylene glycol on ibuprofen absorption into human skin in vivo. <i>Journal of Pharmaceutical Sciences</i> , 2008 , 97, 185-97	3.9	59
275	Ultrasound-mediated gene delivery: influence of contrast agent on transfection. <i>Bioconjugate Chemistry</i> , 2007 , 18, 652-62	6.3	63
274	Transdermal science and technology-an update. <i>Drug Delivery System</i> , 2007 , 22, 442-449	0	8
273	Impact of antinucleants on transdermal delivery of testosterone from a spray. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 84-92	3.9	18
272	Reverse iontophoresis of L-lactate: in vitro and in vivo studies. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 3457-65	3.9	18
271	Ibuprofen transport into and through skin from topical formulations: in vitro-in vivo comparison. <i>Journal of Investigative Dermatology</i> , 2007 , 127, 135-42	4.3	65
270	Dermatopharmacokinetic prediction of topical drug bioavailability in vivo. <i>Journal of Investigative Dermatology</i> , 2007 , 127, 887-94	4.3	64
269	Optical Techniques for Monitoring Cutaneous Microcirculation. <i>International Journal of Dermatology</i> , 2007 , 24, 88-94	1.7	1
268	Ex vivo evaluation of bioadhesive films for buccal delivery of fentanyl. <i>Journal of Controlled Release</i> , 2007 , 122, 135-40	11.7	66
267	Quantitative structure-permeation relationship for iontophoretic transport across the skin. <i>Journal of Controlled Release</i> , 2007 , 122, 165-72	11.7	47
266	Enhanced Delivery of 5-Aminolevulinic Acid Esters by Iontophoresis In Vitro. <i>Photochemistry and Photobiology</i> , 2007 , 77, 304-308	3.6	2
265	Monitoring of urea and potassium by reverse iontophoresis in vitro. <i>Pharmaceutical Research</i> , 2007 , 24, 1131-7	4.5	22
264	Assessment of the "skin reservoir" of urea by confocal Raman microspectroscopy and reverse iontophoresis in vivo. <i>Pharmaceutical Research</i> , 2007 , 24, 1897-901	4.5	33
263	Application of the threshold of toxicological concern (TTC) to the safety evaluation of cosmetic ingredients. <i>Food and Chemical Toxicology</i> , 2007 , 45, 2533-62	4.7	958
262	Structure-permeation relationships for the non-invasive transdermal delivery of cationic peptides by iontophoresis. <i>European Journal of Pharmaceutical Sciences</i> , 2006 , 29, 53-9	5.1	24

261	Prediction of iontophoretic transport across the skin. <i>Journal of Controlled Release</i> , 2006 , 111, 362-7	11.7	28
260	Identification of penetration enhancers for testosterone transdermal delivery from spray formulations. <i>Journal of Controlled Release</i> , 2006 , 113, 57-62	11.7	26
259	Electromigration of ions across the skin: determination and prediction of transport numbers. <i>Journal of Pharmaceutical Sciences</i> , 2006 , 95, 561-9	3.9	18
258	Formulation and evaluation of a testosterone transdermal spray. <i>Journal of Pharmaceutical Sciences</i> , 2006 , 95, 1693-702	3.9	25
257	Enhancement of transdermal testosterone delivery by supersaturation. <i>Journal of Pharmaceutical Sciences</i> , 2006 , 95, 2373-9	3.9	17
256	Transport numbers in transdermal iontophoresis. <i>Biophysical Journal</i> , 2006 , 90, 2822-30	2.9	39
255	Testosterone hormone replacement therapy: state-of-the-art and emerging technologies. <i>Pharmaceutical Research</i> , 2006 , 23, 1117-32	4.5	14
254	Pig ear skin ex vivo as a model for in vivo dermatopharmacokinetic studies in man. <i>Pharmaceutical Research</i> , 2006 , 23, 1850-6	4.5	130
253	Topical iontophoresis of valaciclovir hydrochloride improves cutaneous aciclovir delivery. <i>Pharmaceutical Research</i> , 2006 , 23, 1842-9	4.5	24
252	Percutaneous absorption of 4-cyanophenol from freshly contaminated soil in vitro: effects of soil loading and contamination concentration. <i>Environmental Science & Technology</i> , 2005 , 39, 3723-31	10.3	10
251	Reverse iontophoresis of lithium: electrode formulation using a thermoreversible polymer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005 , 59, 237-40	5.7	8
250	Emerging strategies for the transdermal delivery of peptide and protein drugs. <i>Expert Opinion on Drug Delivery</i> , 2005 , 2, 533-48	8	83
249	Noninvasive and minimally invasive methods for transdermal glucose monitoring. <i>Diabetes Technology and Therapeutics</i> , 2005 , 7, 174-97	8.1	76
248	Physical methods for gene transfer: improving the kinetics of gene delivery into cells. <i>Advanced Drug Delivery Reviews</i> , 2005 , 57, 733-53	18.5	295
247	Effect of amino acid sequence on transdermal iontophoretic peptide delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2005 , 26, 429-37	5.1	21
246	Comparison of the lipid composition of porcine buccal and esophageal permeability barriers. <i>Archives of Oral Biology</i> , 2005 , 50, 981-7	2.8	65
245	Plasma membrane poration induced by ultrasound exposure: implication for drug delivery. <i>Journal of Controlled Release</i> , 2005 , 104, 213-22	11.7	271
244	Ultrasound-mediated gene delivery: kinetics of plasmid internalization and gene expression. <i>Journal of Controlled Release</i> , 2005 , 104, 203-11	11.7	83

243	Contributions of electromigration and electroosmosis to peptide iontophoresis across intact and impaired skin. <i>Journal of Controlled Release</i> , 2005 , 108, 319-30	11.7	43
242	Evaluation of pig esophageal mucosa as a permeability barrier model for buccal tissue. <i>Journal of Pharmaceutical Sciences</i> , 2005 , 94, 2777-88	3.9	72
241	Transdermal iontophoretic delivery of triptorelin in vitro. <i>Journal of Pharmaceutical Sciences</i> , 2005 , 94, 2175-82	3.9	24
240	Capillary zone electrophoresis for the estimation of transdermal iontophoretic mobility. <i>Journal of Pharmaceutical Sciences</i> , 2005 , 94, 2667-75	3.9	17
239	Transdermal iontophoretic delivery of vapreotide acetate across porcine skin in vitro. <i>Pharmaceutical Research</i> , 2005 , 22, 1305-12	4.5	25
238	Transport of fentanyl through pig buccal and esophageal epithelia in vitro: influence of concentration and vehicle pH. <i>Pharmaceutical Research</i> , 2005 , 22, 1525-9	4.5	26
237	Effect of charge and molecular weight on transdermal peptide delivery by iontophoresis. <i>Pharmaceutical Research</i> , 2005 , 22, 2069-78	4.5	42
236	Modeling Dermal Absorption from Soils and Powders Using Stratum Corneum Tape-Stripping In Vivo 2005 , 191-212		1
235	Iontophoresis 2005 , 177-219		5
234	Reverse iontophoresis for non-invasive transdermal monitoring. <i>Physiological Measurement</i> , 2004 , 25, R35-50	2.9	97
233	Noninvasive glucose monitoring by reverse iontophoresis in vivo: application of the internal standard concept. <i>Clinical Chemistry</i> , 2004 , 50, 1383-90	5.5	75
232	Skin penetration and distribution of polymeric nanoparticles. <i>Journal of Controlled Release</i> , 2004 , 99, 53-62	11.7	432
231	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, 191-8	11.7	54
230	Non-invasive monitoring of phenytoin by reverse iontophoresis. <i>European Journal of Pharmaceutical Sciences</i> , 2004 , 22, 427-33	5.1	33
229	Photodynamic therapy of skin cancer: controlled drug delivery of 5-ALA and its esters. <i>Advanced Drug Delivery Reviews</i> , 2004 , 56, 77-94	18.5	166
228	Iontophoretic drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2004 , 56, 619-58	18.5	563
227	Quantitative structure-permeation relationships (QSPeRs) to predict skin permeation: a critical evaluation. <i>Pharmaceutical Research</i> , 2004 , 21, 83-92	4.5	107
226	Reverse iontophoresis as a noninvasive tool for lithium monitoring and pharmacokinetic profiling. <i>Pharmaceutical Research</i> , 2004 , 21, 1214-22	4.5	25

225	Porcine ear skin as a model for the assessment of transdermal drug delivery to premature neonates. <i>Pharmaceutical Research</i> , 2004 , 21, 1390-7	4.5	58
224	Simultaneous extraction of urea and glucose by reverse iontophoresis in vivo. <i>Pharmaceutical Research</i> , 2004 , 21, 1805-10	4.5	21
223	Enhancement of topical delivery from biodegradable nanoparticles. <i>Pharmaceutical Research</i> , 2004 , 21, 1818-25	4.5	180
222	Development of an in vitro model for premature neonatal skin: biophysical characterization using transepidermal water loss. <i>Journal of Pharmaceutical Sciences</i> , 2004 , 93, 2936-40	3.9	24
221	Non-invasive assessment of the effect of formulation excipients on stratum corneum barrier function in vivo. <i>International Journal of Pharmaceutics</i> , 2004 , 271, 251-6	6.5	50
220	Lithium monitoring by reverse iontophoresis in vivo. <i>Clinical Chemistry</i> , 2004 , 50, 2091-100	5.5	53
219	Electroosmosis in transdermal iontophoresis: implications for noninvasive and calibration-free glucose monitoring. <i>Biophysical Journal</i> , 2004 , 87, 3344-50	2.9	56
218	Visualization of skin penetration using confocal laser scanning microscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004 , 58, 301-16	5.7	198
217	Transdermal reverse iontophoresis of valproate: a noninvasive method for therapeutic drug monitoring. <i>Pharmaceutical Research</i> , 2003 , 20, 1508-13	4.5	35
216	Optimization of aminolevulinic acid delivery by iontophoresis. <i>Journal of Controlled Release</i> , 2003 , 88, 65-70	11.7	54
215	Frequency and thermal effects on the enhancement of transdermal transport by sonophoresis. <i>Journal of Controlled Release</i> , 2003 , 88, 85-94	11.7	80
214	Ultrasound-enhanced transdermal transport. <i>Journal of Pharmaceutical Sciences</i> , 2003 , 92, 1125-37	3.9	47
213	Skin permeability enhancement by low frequency sonophoresis: lipid extraction and transport pathways. <i>Journal of Pharmaceutical Sciences</i> , 2003 , 92, 1138-46	3.9	66
212	Reverse iontophoresis for noninvasive glucose monitoring: the internal standard concept. <i>Journal of Pharmaceutical Sciences</i> , 2003 , 92, 2295-302	3.9	34
211	Enhanced delivery of 5-aminolevulinic acid esters by iontophoresis in vitro. <i>Photochemistry and Photobiology</i> , 2003 , 77, 304-8	3.6	45
210	In vivo assessment of skin electroporation using square wave pulses. <i>Journal of Controlled Release</i> , 2002 , 79, 219-27	11.7	53
209	Reverse iontophoretic monitoring in premature neonates: feasibility and potential. <i>Journal of Controlled Release</i> , 2002 , 81, 83-9	11.7	36
208	Biophysical study of porcine ear skin in vitro and its comparison to human skin in vivo. <i>Journal of Pharmaceutical Sciences</i> , 2002 , 91, 2376-81	3.9	128

207	Permeation of a myristoylated dipeptide across the buccal mucosa: topological distribution and evaluation of tissue integrity. <i>International Journal of Pharmaceutics</i> , 2002 , 231, 1-9	6.5	23
206	Determining dermal absorption parameters in vivo from tape strip data. <i>Pharmaceutical Research</i> , 2002 , 19, 292-8	4.5	64
205	Quantitative structure-permeation relationships for solute transport across silicone membranes. <i>Pharmaceutical Research</i> , 2002 , 19, 1622-9	4.5	45
204	Post-iontophoresis recovery of human skin impedance in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002 , 53, 15-21	5.7	27
203	Non-invasive assessment of the effects of iontophoresis on human skin in-vivo. <i>Journal of Pharmacy and Pharmacology</i> , 2001 , 53, 769-77	4.8	47
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