Kenji Sugibayashi

List of Publications by Year
in descending order

188	5,013	76294	143943
papers	citations	40 h-index	57 g-index

193	193	193	3419
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancement of skin permeation of fluorescein isothiocyanate-dextran 4 kDa (FD4) and insulin by thermalporation. European Journal of Pharmaceutical Sciences, 2022, 170, 106096.	1.9	3
2	The Effect of Iontophoresis with and without Electroporation on the Penetration of High Molecular Compounds into the Stratum Corneum. Chemical and Pharmaceutical Bulletin, 2022, 70, 454-457.	0.6	4
3	Development of Self-Administered Formulation to Improve the Bioavailability of Leuprorelin Acetate. Pharmaceutics, 2022, 14, 785.	2.0	0
4	A Mathematical Approach Using Strat-MÂ® to Predict the Percutaneous Absorption of Chemicals under Finite Dose Conditions. Pharmaceutics, 2022, 14, 1370.	2.0	3
5	Application of diphenydramine ointment to the eyelids for allergic conjunctivitis. Iberoamerican Journal of Medicine, 2021, 3, 44-50.	0.1	1
6	A Lipid-Based Depot Formulation with a Novel Non-lamellar Liquid Crystal Forming Lipid. Pharmaceutical Research, 2021, 38, 503-513.	1.7	4
7	Use of Silicone Membrane Permeation to Assess Thermodynamic Activities of Ionic Liquids and Their Component Cation and Anion. Chemical and Pharmaceutical Bulletin, 2021, 69, 481-487.	0.6	3
8	Latent Structure Analysis of Wet-Granulation Tableting Process Based on Structural Equation Modeling. Chemical and Pharmaceutical Bulletin, 2021, 69, 674-680.	0.6	0
9	Effect of Iontophoresis on the Intradermal Migration Rate of Medium Molecular Weight Drugs. Chemical and Pharmaceutical Bulletin, 2021, 69, 639-645.	0.6	2
10	Effect of Rubbing Application on the Skin Permeation of Active Ingredients from Lotion and Cream. Chemical and Pharmaceutical Bulletin, 2021, 69, 806-810.	0.6	1
11	Improvement of Skin Permeation of Caffeine, a Hydrophilic Drug, by the Application of Water Droplets Provided by a Novel Humidifier Device. Chemical and Pharmaceutical Bulletin, 2021, 69, 727-733.	0.6	3
12	Enhancement of Skin Permeation of a Hydrophilic Drug from Acryl-Based Pressure-Sensitive Adhesive Tape. Pharmaceutical Research, 2021, 38, 289-299.	1.7	6
13	Design and Optimization of Scored Tablets with Concave Surface and Application of Bayesian Estimation for Solving Scaleup Problem. Chemical and Pharmaceutical Bulletin, 2021, 69, 1088-1096.	0.6	1
14	Influence of Polyunsaturated Fatty Acid Intake on Kidney Functions of Rats with Chronic Renal Failure. Marine Drugs, 2021, 19, 692.	2.2	5
15	Controlled release of a model hydrophilic high molecular weight compound from injectable non-lamellar liquid crystal formulations containing different types of phospholipids. International Journal of Pharmaceutics, 2020, 577, 118944.	2.6	5
16	Physical Properties of an Ionic Liquid Composed of Two Water-Soluble Vitamins and Enhanced Skin Permeation of Both Vitamins. Pharmaceutics, 2020, 12, 427.	2.0	13
17	Usefulness of Artificial Membrane, Strat-MÂ®, in the Assessment of Drug Permeation from Complex Vehicles in Finite Dose Conditions. Pharmaceutics, 2020, 12, 173.	2.0	36
18	Enhanced nose-to-brain delivery of tranilast using liquid crystal formulations. Journal of Controlled Release, 2020, 325, 1-9.	4.8	14

#	Article	IF	Citations
19	Prediction of skin permeation and concentration of rhododendrol applied as finite dose from complex cosmetic vehicles. International Journal of Pharmaceutics, 2020, 578, 119186.	2.6	8
20	Development of Spray Formulations Applied to the Oral Mucosa Using Non-lamellar Liquid Crystal-Forming Lipids. Chemical and Pharmaceutical Bulletin, 2020, 68, 1025-1033.	0.6	2
21	Prolonged Distribution of Tranilast in the Eyes after Topical Application onto Eyelid Skin. Chemical and Pharmaceutical Bulletin, 2020, 68, 779-783.	0.6	1
22	Effect of Rubbing on the Distribution of Topically Applied Drugs into the Hair Follicles. Chemical and Pharmaceutical Bulletin, 2020, 68, 832-836.	0.6	1
23	Effects of Temperature and Humidity on the Skin Permeation of Hydrophilic and Hydrophobic Drugs. AAPS PharmSciTech, 2019, 20, 264.	1.5	12
24	Halal Cosmetics: A Review on Ingredients, Production, and Testing Methods. Cosmetics, 2019, 6, 37.	1.5	37
25	Effect of layered application on the skin permeation of a cosmetic active component, rhododendrol. Journal of Toxicological Sciences, 2019, 44, 1-11.	0.7	7
26	Potential of biocompatible polymeric ultra-thin films, nanosheets, as topical and transdermal drug delivery devices. International Journal of Pharmaceutics, 2019, 565, 41-49.	2.6	14
27	Pharmacokinetics and Tissue Distribution of Pilocarpine After Application to Eyelid Skin of Rats. Journal of Pharmaceutical Sciences, 2019, 108, 2942-2948.	1.6	6
28	Establishment of an evaluation method to detect drug distribution in hair follicles. International Journal of Pharmaceutics, 2018, 542, 27-35.	2.6	10
29	Selection of phospholipids to design liposome preparations with high skin penetration-enhancing effects. Journal of Drug Delivery Science and Technology, 2018, 44, 58-64.	1.4	26
30	Combined Use of N-Palmitoyl-Glycine-Histidine Gel and Several Penetration Enhancers on the Skin Permeation and Concentration of Metronidazole. Pharmaceutics, 2018, 10, 163.	2.0	11
31	Prediction of Skin Permeation of Flurbiprofen from Neat Ester Oils and Their O/W Emulsions. Chemical and Pharmaceutical Bulletin, 2018, 66, 959-966.	0.6	2
32	Design of a Topically Applied Gel Spray Formulation with Ivermectin Using a Novel Low Molecular Weight Gelling Agent, Palmitoyl-Glycine-Histidine, to Treat Scabies. Chemical and Pharmaceutical Bulletin, 2018, 66, 327-333.	0.6	12
33	Iontophoresis-aided drug delivery into the eyeball via eyelid skin. Journal of Drug Delivery Science and Technology, 2018, 47, 380-385.	1.4	6
34	Optimization of Premix Powders for Tableting Use. Chemical and Pharmaceutical Bulletin, 2018, 66, 748-756.	0.6	4
35	[OPINION]4th Industrial Revolution and Drug Development. Drug Delivery System, 2018, 33, 250-250.	0.0	0
36	Safety evaluation of dermal exposure to phthalates: Metabolism-dependent percutaneous absorption. Toxicology and Applied Pharmacology, 2017, 328, 10-17.	1.3	24

#	Article	IF	Citations
37	The Synergistic Effect of Iontophoresis or Electroporation and Microneedles on the Skin Permeation of High Molecular Weight Compounds. , 2017, , 379-387.		0
38	Eyelid skin as a potential site for drug delivery to conjunctiva and ocular tissues. International Journal of Pharmaceutics, 2017, 533, 198-205.	2.6	13
39	Related Topic: Prodrug Approach. , 2017, , 205-224.		0
40	Skin Permeation of Chemicals. , 2017, , 13-53.		1
41	Prediction of Dissolution Data Integrated in Tablet Database Using Four-Layered Artificial Neural Networks. Chemical and Pharmaceutical Bulletin, 2017, 65, 967-972.	0.6	5
42	A Novel Chemical Enhancer Approach for Transdermal Drug Delivery with C₁₇-Monoglycerol Ester Liquid Crystal-forming Lipid. Journal of Oleo Science, 2017, 66, 443-454.	0.6	18
43	High-Throughput Screening of Potential Skin Penetration-Enhancers Using Stratum Corneum Lipid Liposomes: Preliminary Evaluation for Different Concentrations of Ethanol. Journal of Pharmaceutics, 2017, 2017, 1-10.	4.6	12
44	Development and Optimization of Orally and Topically Applied Liquid Crystal Drug Formulations. Journal of Oleo Science, 2017, 66, 939-950.	0.6	13
45	Pretreatment Effects of Moxibustion on the Skin Permeation and Skin and Muscle Concentration of Salicylic Acid. , 2017, , 209-218.		0
46	Theory, Practical Application and Future Expectation of Percutaneous Absorption. Oleoscience, 2017, 17, 549-558.	0.0	1
47	Contribution of the Hair Follicular Pathway to Total Skin Permeation of Topically Applied and Exposed Chemicals. Pharmaceutics, 2016, 8, 32.	2.0	33
48	A useful technique using imaging mass spectrometry for detecting the skin distribution of topically applied lidocaine. Journal of Drug Delivery Science and Technology, 2016, 33, 157-163.	1.4	4
49	Usefulness of liquidâ€“crystal oral formulations to enhance the bioavailability and skin tissue targeting of p -amino benzoic acid as a model compound. European Journal of Pharmaceutical Sciences, 2016, 88, 282-290.	1.9	26
50	Risk assessment of skin lightening cosmetics containing hydroquinone. Regulatory Toxicology and Pharmacology, 2016, 81, 128-135.	1.3	29
51	Effect of Combination of Low-Frequency Sonophoresis or Electroporation with Iontophoresis on the Mannitol Flux or Electroosmosis through Excised Skin. Biological and Pharmaceutical Bulletin, 2016, 39, 1206-1210.	0.6	15
52	Evaluation of a Silicone Membrane as an Alternative to Human Skin for Determining Skin Permeation Parameters of Chemical Compounds. Chemical and Pharmaceutical Bulletin, 2016, 64, 1338-1346.	0.6	13
53	Effect of Esters on the Permeation of Chemicals with Different Polarities through Synthetic Artificial Membranes Using a High-Throughput Diffusion Cell Array. Chemical and Pharmaceutical Bulletin, 2016, 64, 1597-1606.	0.6	12
54	<i>In Vitro</i> Permeation and Skin Retention of Î±-Mangostin Proniosome. Chemical and Pharmaceutical Bulletin, 2016, 64, 1666-1673.	0.6	11

#	Article	IF	Citations
55	Skin-penetration enhancement and controlled release of drugs. Drug Delivery System, 2016, 31, 201-209.	0.0	1
56	Molecular mechanisms of action of different concentrations of ethanol in water on ordered structures of intercellular lipids and soft keratin in the stratum corneum. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 1196-1202.	1.4	38
57	In Silico Estimation of Skin Concentration Following the Dermal Exposure to Chemicals. Pharmaceutical Research, 2015, 32, 3965-3974.	1.7	18
58	Prediction of skin permeation by chemical compounds using the artificial membrane, Strat-Mâ„¢. European Journal of Pharmaceutical Sciences, 2015, 67, 113-118.	1.9	164
59	Skin Permeation: Enhancing Ability of Liquid Crystal Formulations. , 2015, , 243-253.		4
60	Potential of imaging analysis in establishing skin concentration-distance profiles for topically applied FITC-dextran 4 kDa. ADMET and DMPK, 2015, 2, .	1.1	1
61	Analysis of hair follicle penetration of lidocaine and fluorescein isothiocyanate-dextran 4â€‰kDa using hair follicle-plugging method. Drug Development and Industrial Pharmacy, 2014, 40, 345-351.	0.9	20
62	Estimation of skin concentrations of topically applied lidocaine at each depth profile. International Journal of Pharmaceutics, 2014, 475, 292-297.	2.6	21
63	Effect of liquid crystals with cyclodextrin on the bioavailability of a poorly water-soluble compound, diosgenin, after its oral administration to rats. International Journal of Pharmaceutics, 2014, 472, 257-261.	2.6	60
64	Effect of emulsification on the skin permeation and UV protection of catechin. Pharmaceutical Development and Technology, 2014, 19, 395-400.	1.1	20
65	Usefulness of Pressure-Sensitive Adhesives as a Pretreatment Material before Application of Topical Drug Formulations and a Peeling Tape for Excess Stratum Corneum Layers. Chemical and Pharmaceutical Bulletin, 2014, 62, 559-567.	0.6	1
66	Analysis of the Pretreatment Effect of Ethanol on the Stratum Corneum- and Hair Follicular-Penetration of Drugs Using the Hair Follicle-Plugging Method. Chemical and Pharmaceutical Bulletin, 2014, 62, 578-585.	0.6	10
67	Mathematical Model to Predict Skin Concentration after Topical Application of Drugs. Pharmaceutics, 2013, 5, 634-651.	2.0	20
68	Effects of soybean peptide and collagen peptide on collagen synthesis in normal human dermal fibroblasts. International Journal of Food Sciences and Nutrition, 2012, 63, 689-695.	1.3	28
69	Influence of Skin Thickness on the in Vitro Permeabilities of Drugs through Sprague-Dawley Rat or Yucatan Micropig Skin. Biological and Pharmaceutical Bulletin, 2012, 35, 192-202.	0.6	48
70	Effect of Ethanol Pretreatment on Skin Permeation of Drugs. Biological and Pharmaceutical Bulletin, 2012, 35, 1343-1348.	0.6	14
71	Measurement of Skin Permeation/Penetration of Nanoparticles for Their Safety Evaluation. Biological and Pharmaceutical Bulletin, 2012, 35, 1476-1486.	0.6	67
72	Effect of Direction (Epidermis-To-Dermis and Dermis-To-Epidermis) on the Permeation of Several Chemical Compounds through Full-Thickness Skin and Stripped Skin. Pharmaceutical Research, 2012, 29, 2477-2488.	1.7	8

#	Article	IF	Citations
73	Transdermal delivery of mal-absorbable drugs with chemical- and physical enhancement methods. Drug Delivery System, 2012, 27, 156-163.	0.0	0
74	Effect of the absorption enhancer, Azone, on the transport of 5-fluorouracil across hairless rat skin. Journal of Pharmacy and Pharmacology, 2011, 37, 578-580.	1.2	71
75	Prediction of the In-vitro Human Skin Permeability of Nicorandil from Animal Data. Journal of Pharmacy and Pharmacology, 2011, 41, 379-383.	1.2	27
76	Usefulness of Rat Skin as a Substitute for Human Skin in the in Vitro Skin Permeation Study. Experimental Animals, 2011, 60, 373-384.	0.7	82
77	Variation Assessment for in Vitro Permeabilities through Yucatan Micropig Skin. Biological and Pharmaceutical Bulletin, 2011, 34, 555-561.	0.6	18
78	Preparation and Evaluation of Liquid-Crystal Formulations with Skin-permeation-enhancing Abilities for Entrapped Drugs. Journal of Oleo Science, 2011, 60, 31-40.	0.6	39
79	Iontophoresis-Facilitated Delivery of Prednisolone through Throat Skin to the Trachea After Topical Application of its Succinate Salt. Pharmaceutical Research, 2011, 28, 839-847.	1.7	5
80	Pretreatment effects of moxibustion on the skin permeation and skin and muscle concentrations of salicylate in rats. International Journal of Pharmaceutics, 2011, 407, 105-110.	2.6	5
81	Formulation study of topically applied O/W lotion containing vitamin D3 derivative, focusing on skin permeability of the drug. Drug Development and Industrial Pharmacy, 2011, 37, 917-925.	0.9	5
82	Prediction of Skin Permeability of Drugs: Comparison of Human and Hairless Rat Skin. Journal of Pharmacy and Pharmacology, 2011, 44, 634-639.	1.2	127
83	Current state and future of topically applied drug formulations against pain relief. Drug Delivery System, 2011, 26, 450-456.	0.0	0
84	Permeation Pathway of Macromolecules and Nanospheres through Skin. Biological and Pharmaceutical Bulletin, 2010, 33, 1394-1399.	0.6	47
85	Macromolecular Delivery into Skin Using a Hollow Microneedle. Biological and Pharmaceutical Bulletin, 2010, 33, 1988-1993.	0.6	23
86	Effect of Sebum and Ointment Rubbing on the Skin Permeation of Triamcinolone Acetonide from White Petrolatum Ointment. Biological and Pharmaceutical Bulletin, 2010, 33, 876-880.	0.6	13
87	Effect of Thermodynamic Activity on Skin Permeation and Skin Concentration of Triamcinolone Acetonide. Chemical and Pharmaceutical Bulletin, 2010, 58, 556-561.	0.6	27
88	Transdermal Delivery of the Potent Analgesic Dihydroetorphine: Kinetic Analysis of Skin Permeation and Analgesic Effect in the Hairless Rat. Journal of Pharmacy and Pharmacology, 2010, 52, 1437-1449.	1.2	14
89	Mathematical Model to Predict Skin Concentration of Drugs: Toward Utilization of Silicone Membrane to Predict Skin Concentration of Drugs as an Animal Testing Alternative. Pharmaceutical Research, 2010, 27, 134-142.	1.7	55
90	Possibility and effectiveness of drug delivery to skin by needle-free injector. International Journal of Pharmaceutics, 2010, 391, 65-72.	2.6	21

#	Article	IF	Citations
91	Transdermal drug delivery by in-skin electroporation using a microneedle array. International Journal of Pharmaceutics, 2010, 397, 77-83.	2.6	56
92	Effect of topically applied sphingomyelin-based liposomes on the ceramide level in a three-dimensional cultured human skin model. Journal of Liposome Research, 2010, 20, 49-54.	1.5	22
93	Why does a hydrophilic drug permeate skin, although it is not soluble in white petrolatum?. Drug Development and Industrial Pharmacy, 2009, 35, 1356-1363.	0.9	5
94	Effect of Several Electrolyzed Waters on the Skin Permeation of Lidocaine, Benzoic Acid, and Isosorbide Mononitrate. Drug Development and Industrial Pharmacy, 2009, 35, 145-153.	0.9	9
95	Structureâ€"Permeability Relationship Analysis of the Permeation Barrier Properties of the Stratum Corneum and Viable Epidermis/Dermis of Rat Skin. Journal of Pharmaceutical Sciences, 2008, 97, 4391-4403.	1.6	50
96	Pretreatment effects of moxibustion on the skin permeation of FITC-dextran. International Journal of Pharmaceutics, 2008, 354, 117-125.	2.6	8
97	Effect of vasoactive agents on the dermatopharmacokinetics and systemic disposition of model compounds, salicylate and FITC-dextran 4 kDa, following intracutaneous injection of the compounds. International Journal of Pharmaceutics, 2008, 356, 181-186.	2.6	5
98	Effect of molecular weight on the dermatopharmacokinetics and systemic disposition of drugs after intracutaneous injection. European Journal of Pharmaceutical Sciences, 2008, 35, 5-11.	1.9	7
99	Analysis of Skin Disposition and Metabolism of Ethyl Nicotinate after Topical Application Using Dual Agar Gel Disc-Inserted Rats. Biological and Pharmaceutical Bulletin, 2008, 31, 85-89.	0.6	4
100	Safety evaluation of titanium dioxide nanoparticles by their absorption and elimination profiles. Journal of Toxicological Sciences, 2008, 33, 293-298.	0.7	51
101	Analysis of Skin Disposition of Flurbiprofen after Topical Application Using Dual Agar Gel Discs-Inserted Rats. Biological and Pharmaceutical Bulletin, 2007, 30, 2135-2140.	0.6	7
102	Dermatopharmacokinetics of salicylate following topical injection in rats: Effect of osmotic pressure and injection volume on salicylate disposition. International Journal of Pharmaceutics, 2007, 337, 142-147.	2.6	12
103	Skin permeation and metabolism of a new antipsoriatic vitamin D3 analogue of structure 16-en-22-oxa-24-carboalkoxide with low calcemic effect. International Journal of Pharmaceutics, 2007, 353, 105-12.	2.6	6
104	Enhancement of skin permeation of high molecular compounds by a combination of microneedle pretreatment and iontophoresis. Journal of Controlled Release, 2007, 118, 189-195.	4.8	109
105	Preparation and Evaluation of Gene-transfected Cultured Skin as a Novel Drug Delivery System for Severely Burned Skin. Pharmaceutical Research, 2007, 24, 1473-1479.	1.7	2
106	Effects of pretreatment of needle puncture and sandpaper abrasion on the in vitro skin permeation of fluorescein isothiocyanate (FITC)-dextran. International Journal of Pharmaceutics, 2006, 316, 102-108.	2.6	49
107	Effect of electroporation and pH on the iontophoretic transdermal delivery of human insulin. International Journal of Pharmaceutics, 2006, 326, 13-19.	2.6	71
108	Kinetic Analysis on the Skin Disposition of Cytotoxicity as an Index of Skin Irritation Produced by Cetylpyridinium Chloride: Comparison of In Vitro Data using a Three-Dimensional Cultured Human Skin Model with In Vivo Results in Hairless Mice. Pharmaceutical Research, 2006, 23, 329-335.	1.7	42

#	Article	IF	Citations
109	Analysis of in Vitro Skin Permeation of 22-Oxacalcitriol Having a Complicated Metabolic Pathway. Pharmaceutical Research, 2006, 23, 680-688.	1.7	12
110	Decrease in Skin Permeation and Antibacterial Effect of Parabens by a Polymeric Additive, Poly(2-methacryloyloxyethyl phosphorylcholine-co-butylmetacrylate). Chemical and Pharmaceutical Bulletin, 2005, 53, 271-276.	0.6	14
111	Effect of electroporation on the electroosmosis across hairless mouse skin in vitro. Journal of Controlled Release, 2005, 105, 296-304.	4.8	28
112	Enhancement of skin permeation of ketotifen by supersaturation generated by amorphous form of the drug. Journal of Controlled Release, 2005, 108, 306-318.	4.8	31
113	Cultured skin loaded with tetracycline HCl and chloramphenicol as dermal delivery system: Mathematical evaluation of the cultured skin containing antibiotics. Journal of Controlled Release, 2005, 108, 341-350.	4.8	27
114	Utility of a Three-Dimensional Cultured Human Skin Model as a Tool to Evaluate the Simultaneous Diffusion and Metabolism of Ethyl Nicotinate in Skin. Drug Metabolism and Pharmacokinetics, 2004, 19, 352-362.	1.1	24
115	Mechanism of the synergic effects of calcium chloride and electroporation on the in vitro enhanced skin permeation of drugs. Journal of Controlled Release, 2004, 95, 267-274.	4.8	30
116	In vitro permeation of several drugs through the human nail plate: relationship between physicochemical properties and nail permeability of drugs. European Journal of Pharmaceutical Sciences, 2004, 21, 471-477.	1.9	91
117	Mechanism of the synergic effects of calcium chloride and electroporation on the in vitro enhanced skin permeation of drugs. Journal of Controlled Release, 2004, 95, 267-267.	4.8	7
118	Effect of electric field on the enhanced skin permeation of drugs by electroporation. Journal of Controlled Release, 2003, 90, 171-179.	4.8	37
119	The synergic effects of various electrolytes and electroporation on the in vitro skin permeation of calcein. Journal of Controlled Release, 2003, 92, 93-101.	4.8	31
120	The Effects of Calcium Chloride and Sodium Chloride on the Electroporation-Mediated Skin Permeation of Fluorescein Isothiocyanate (FITC)-Dextrans in Vitro. Biological and Pharmaceutical Bulletin, 2003, 26, 1508-1510.	0.6	23
121	Design and Feasibility Assessment of Topically Applied Drug Formulations for Electroporation. Chemical and Pharmaceutical Bulletin, 2003, 51, 617-619.	0.6	5
122	In Vitro Skin Permeation of Morphine Hydrochloride during the Finite Application of Penetration-Enhancing System Containing Water, Ethanol and l-Menthol.. Biological and Pharmaceutical Bulletin, 2002, 25, 134-136.	0.6	50
123	The Enhancing Effect of a Triethanolamine-Ethanol-Isopropyl Myristate Mixed System on the Skin Permeation of Acidic Drugs.. Biological and Pharmaceutical Bulletin, 2002, 25, 1339-1344.	0.6	28
124	Kinetic analysis on the in vitro cytotoxicity using Living Skin Equivalent for ranking the toxic potential of dermal irritants. Toxicology in Vitro, 2002, 16, 759-763.	1.1	24
125	Targeting of salicylate to skin and muscle following topical injections in rats. International Journal of Pharmaceutics, 2002, 231, 177-184.	2.6	11
126	Utility of MTT assay in three-dimensional cultured human skin model as an alternative for draize skin irritation test: approach using diffusion law of irritant in skin and toxicokinetics-toxicodynamics correlation. Pharmaceutical Research, 2002, 19, 669-675.	1.7	24

#	Article	IF	Citations
127	Improved nasal absorption of drugs using poly-l-arginine: effects of concentration and molecular weight of poly-l-arginine on the nasal absorption of fluorescein isothiocyanateâ€“dextran in rats. European Journal of Pharmaceutics and Biopharmaceutics, 2001, 52, 21-30.	2.0	57
128	Effect of poly-l-arginine on the nasal absorption of FITC-dextran of different molecular weights and recombinant human granulocyte colony-stimulating factor (rhG-CSF) in rats. International Journal of Pharmaceutics, 2001, 226, 127-138.	2.6	41
129	Electric field analysis on the improved skin concentration of benzoate by electroporation. International Journal of Pharmaceutics, 2001, 219, 107-112.	2.6	25
130	Potential usefulness of solubility index for prediction of the skin permeation rate of 5-ISMN from pressure-sensitive adhesive tape. Journal of Controlled Release, 2001, 73, 269-277.	4.8	18
131	Effects of Application Voltage and Cathode and Anode Positions at Electroporation on the in Vitro Permeation of Benzoic Acid through Hairless Rat Skin.. Chemical and Pharmaceutical Bulletin, 2000, 48, 1807-1809.	0.6	6
132	Analysis of skin permeation-enhancing mechanism of iontophoresis using hydrodynamic pore theory. Journal of Controlled Release, 2000, 66, 149-158.	4.8	25
133	Screening of cationic compounds as an absorption enhancer for nasal drug delivery. International Journal of Pharmaceutics, 1999, 185, 1-12.	2.6	90
134	Relationship between tyrosinase inhibitory action and oxidation-reduction potential of cosmetic whitening ingredients and phenol derivatives. Archives of Pharmacal Research, 1999, 22, 335-339.	2.7	45
135	Analysis of skin disposition of flurbiprofen after topical application in hairless rats. Journal of Controlled Release, 1999, 62, 193-200.	4.8	19
136	Simultaneous transport and metabolism of ethyl nicotinate in hairless rat skin after its topical application: the effect of enzyme distribution in skin. Journal of Controlled Release, 1999, 62, 201-208.	4.8	50
137	Skin Disposition of Drugs after Topical Application in Hairless Rats.. Chemical and Pharmaceutical Bulletin, 1999, 47, 749-754.	0.6	23
138	Relationship between Solubility of Chitosan in Alcoholic Solution and Its Gelation.. Chemical and Pharmaceutical Bulletin, 1999, 47, 1044-1046.	0.6	28
139	Recent trends and perspectives in transdermal drug delivery or infusion systems.. Drug Delivery System, 1999, 14, 351-356.	0.0	1
140	Effect of cathode and anode positions, frequency of applied pulse, and electrode materials at electroporation on the in vitro skin permeation of mannitol: Comparison with iontophoresis.. Drug Delivery System, 1999, 14, 485-490.	0.0	7
141	Enhancing Effect of N-Acetyl-L-cysteine or 2-Mercaptoethanol on the in Vitro Permeation of 5-Fluorouracil or Tolnaftate through the Human Nail Plate.. Chemical and Pharmaceutical Bulletin, 1998, 46, 1797-1802.	0.6	54
142	Evaluation of Skin Permeability of Drugs by Newly Prepared Polymer Membranes.. Chemical and Pharmaceutical Bulletin, 1997, 45, 537-541.	0.6	20
143	Release kinetics of indomethacin from pressure sensitive adhesive matrices. Journal of Controlled Release, 1997, 43, 213-221.	4.8	16
144	Difference in the Enhancing Effects of Ultrasound on the Skin Permeation of Polar and Non-polar Drugs.. Chemical and Pharmaceutical Bulletin, 1996, 44, 1973-1976.	0.6	14

#	Article	IF	Citations
145	Analysis of in Vitro Iontophoretie Skin Permeation of Sodium Benzoate by Transport Numbers of Drug and Additives.. Chemical and Pharmaceutical Bulletin, 1996, 44, 1351-1356.	0.6	5
146	Analysis of skin penetration enhancing effect of drugs by ethanol-water mixed systems with hydrodynamic pore theory. International Journal of Pharmaceutics, 1996, 129, 211-221.	2.6	29
147	Metabolism of testosterone and its ester derivatives in organotypic coculture of human dermal fibroblasts with differentiated epidermis. International Journal of Pharmaceutics, 1996, 131, 263-271.	2.6	4
148	Fundamental investigation of a novel drug delivery system, a transdermal delivery system with jet injection. International Journal of Pharmaceutics, 1996, 137, 75-84.	2.6	25
149	Change in the electrochemical properties of skin and the lipid packing in stratum corneum by ultrasonic irradiation. International Journal of Pharmaceutics, 1996, 137, 217-224.	2.6	22
150	Analysis of simultaneous transport and metabolism of ethyl nicotinate in hairless rat skin. Pharmaceutical Research, 1996, 13, 855-860.	1.7	31
151	In vitro/in vivo Difference in Enhanced Skin Permeation of Nicardipine Hydrochloride by the 1-Menthol-Ethanol System. Skin Pharmacology and Physiology, 1996, 9, 130-136.	1.1	5
152	Differences in enhancing effect of 1-menthol, ethanol and their combination between hairless rat and human skin. International Journal of Pharmaceutics, 1995, 113, 189-197.	2.6	23
153	Skin penetration-enhancing effect of drugs by phonophoresis. Journal of Controlled Release, 1995, 37, 291-297.	4.8	40
154	In vitro permeation of several model drugs across rabbit nasal mucosa. International Journal of Pharmaceutics, 1994, 103, 27-36.	2.6	33
155	Polymers for transdermal drug delivery systems. Journal of Controlled Release, 1994, 29, 177-185.	4.8	32
156	Interaction between drugs and pressure-sensitive adhesives in transdermal therapeutic systems. Pharmaceutical Research, 1994, 11, 104-107.	1.7	42
157	An application of the hydrodynamic pore theory to percutaneous absorption of drugs. Pharmaceutical Research, 1994, 11, 654-658.	1.7	32
158	Analysis of the combined effect of 1-menthol and ethanol as skin permeation enhancers based on a two-layer skin model. Pharmaceutical Research, 1994, 11, 96-103.	1.7	69
159	Effect of Skin Surface Lipid on the Skin Permeation of Lidocaine from Pressure Sensitive Adhesives.. Biological and Pharmaceutical Bulletin, 1994, 17, 1640-1644.	0.6	11
160	In Vitro-in Vivo Correlation of Percutaneous Absorption: Isosorbide Dinitrate and Morphine Hydrochloride.. Biological and Pharmaceutical Bulletin, 1994, 17, 826-830.	0.6	9
161	Evaluation of Enhancers to Increase Nasal Absorption Using Ussing Chamber Technique.. Biological and Pharmaceutical Bulletin, 1994, 17, 316-322.	0.6	47
162	The structural barrier of absorptive mucosae: Site difference of the permeability of fluorescein isothiocyanate-labelled dextran in rabbits. Biopharmaceutics and Drug Disposition, 1993, 14, 685-695.	1.1	59

#	Article	IF	Citations
163	A new enhancer-coenhancer system to increase skin permeation of morphine hydrochloride in vitro. International Journal of Pharmaceutics, 1993, 91, 9-14.	2.6	41
164	Effect of vehicle on the skin permeability of drugs: polyethylene glycol 400-water and ethanol-water binary solvents. Journal of Controlled Release, 1993, 23, 247-260.	4.8	50
165	Feasibility of Use of Several Cardiovascular Agents in Transdermal Therapeutic Systems with l-Menthol-Ethanol System on Hairless Rat and Human Skin.. Biological and Pharmaceutical Bulletin, 1993, 16, 254-258.	0.6	47
166	Calculation of Skin Permeability Coefficient for Ionized and Unionized Species of Indomethacin.. Chemical and Pharmaceutical Bulletin, 1992, 40, 3090-3093.	0.6	20
167	Mechanism of Skin Penetration-Enhancing Effect by Laurocapram. Journal of Pharmaceutical Sciences, 1992, 81, 58-64.	1.6	64
168	Influence of Isosorbide Dinitrate Concentration on Its Skin Permeability from Adhesive Matrix Devices.. Chemical and Pharmaceutical Bulletin, 1991, 39, 1802-1805.	0.6	12
169	Preparation of thermo-responsive polymer membranes. I. Journal of Biomedical Materials Research Part B, 1991, 25, 243-254.	3.0	27
170	Species Differences in Percutaneous Absorption of Nicorandil. Journal of Pharmaceutical Sciences, 1991, 80, 104-107.	1.6	167
171	Enhanced transdermal derivery of zidovudine in rats and human skin.. Chemical and Pharmaceutical Bulletin, 1990, 38, 3086-3089.	0.6	27
172	Prediction of skin permeability of drugs. I. Comparison with artificial membrane.. Chemical and Pharmaceutical Bulletin, 1990, 38, 3452-3459.	0.6	109
173	Utility of Topical Formulations of Morphine Hydrochloride Containing Azone and N-Methyl-2-pyrrolidone. Selective Cancer Therapeutics, 1989, 5, 119-128.	0.5	25
174	Skin permeability of water-soluble drugs.. Chemical and Pharmaceutical Bulletin, 1989, 37, 1404-1406.	0.6	59
175	Effect and mode of action of aliphatic esters on the in vitro skin permeation of nicorandil. International Journal of Pharmaceutics, 1988, 43, 31-40.	2.6	112
176	Estimation of blood concentration of drugs after topical application from in vitro skin permeation data. I. Prediction by convolution and confirmation by deconvolution.. Chemical and Pharmaceutical Bulletin, 1988, 36, 2232-2238.	0.6	30
177	Effect of several penetration enhancers on the percutaneous absorption of indomethacin in hairless rats.. Chemical and Pharmaceutical Bulletin, 1988, 36, 1519-1528.	0.6	42
178	Estimation of blood concentration of drugs after topical application from in vitro skin permeation data. II. Approach by using diffusion model and compartment model.. Chemical and Pharmaceutical Bulletin, 1988, 36, 2624-2632.	0.6	14
179	Effect of azone on the percutaneous absorption of 5-fluorouracil from gels in hairless rats.. Chemical and Pharmaceutical Bulletin, 1987, 35, 726-733.	0.6	32
180	Antitumor effect of ethylene-vinyl acetate copolymer matrices containing 5-fluorouracil on Ehrlich ascites carcinoma in mice.. Chemical and Pharmaceutical Bulletin, 1982, 30, 3770-3775.	0.6	33

#	Article	IF	Citations
181	Biomedical applications of magnetic fluids. II. Preparation and magnetic guidance of magnetic albumin microsphere for site specific drug delivery in vivo.. Journal of Pharmacobio-dynamics, 1981, 4, 624-631.	0.5	63
182	Drug-carrier Property of Albumin Microspheres in Chemotherapy. V. Antitumor Effect of Microsphere-entrapped Adriamycin on Liver Metastasis of AH 7974 Cells in Rats. Chemical and Pharmaceutical Bulletin, 1981, 29, 1433-1438.	0.6	62
183	Drug-carrier property of albumin microspheres in chemotherapy. IV. Antitumor effect of single-shot or multiple-shot administration of microsphere-entrapped 5-fluorouracil on Ehrlich ascites or solid tumor in mice.. Chemical and Pharmaceutical Bulletin, 1980, 28, 3087-3092.	0.6	35
184	Biomedical applications of magnetic fluids. I. Magnetic guidance of ferro-colloid-entrapped albumin microsphere for site specific drug delivery in vivo.. Journal of Pharmacobio-dynamics, 1980, 3, 264-267.	0.5	36
185	Detoxication capacity of a multiple (w/o/w) emulsion for the treatment of drug overdose: Drug extraction into the emulsion in the gastro-intestinal tract of rabbits.. Chemical and Pharmaceutical Bulletin, 1979, 27, 3188-3192.	0.6	26
186	Drug-carrier property of albumin microspheres in chemotherapy. III. Effect of microsphere-entrapped 5-fluorouracil on ehrlich ascites carcinoma in mice.. Journal of Pharmacobio-dynamics, 1979, 2, 350-355.	0.5	47
187	Drug-carrier property of albumin microspheres in chemotherapy. II. Preparation and tissue distribution in mice of microsphere-entrapped 5-fluorouracil.. Chemical and Pharmaceutical Bulletin, 1979, 27, 204-209.	0.6	70
188	Drug-carrier property of albumin microspheres in chemotherapy. I. Tissue distribution of microsphere-entrapped 5-fluorouracil in mice.. Chemical and Pharmaceutical Bulletin, 1977, 25, 3433-3434.	0.6	58