

Kazutaka Higaki

List of Publications by Year in descending order

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38
papers

1,470
citations

394421

19
h-index

315739

38
g-index

40
all docs

40
docs citations

40
times ranked

1915
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Doxorubicin Release Rate From Polyethylene Glycol-Modified Liposome on Anti-tumor Activity in B16-BL6 Tumor-Bearing Mice. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 293-297.	3.3	9
2	Extensive improvement of oral bioavailability of mebendazole, a brick dust, by polymer-containing SNEDDS preparation: Disruption of high crystallinity by utilizing its counter ion. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 172, 213-227.	4.3	6
3	Efficient Evaluation of In Vivo Performance in Human for Generic Formulation by Novel Dissolution-Absorption Prediction (DAP) Workflow. <i>Pharmaceutical Research</i> , 2022, 39, 2203-2216.	3.5	1
4	Effect of Excessive Serotonin on Pharmacokinetics of Cephalexin after Oral Administration: Studies with Serotonin-Excessive Model Rats. <i>Pharmaceutical Research</i> , 2022, 39, 2163-2178.	3.5	3
5	Possible Regulation of P-glycoprotein Function by Adrenergic Agonists in a Vascular-luminal Perfused Preparation of Small Intestine. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 3889-3895.	3.3	4
6	Sequential administration of PEG-Span 80 niosome enhances anti-tumor effect of doxorubicin-containing PEG liposome. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 169, 20-28.	4.3	17
7	Pharmacokinetic analysis of new synthetic antimalarial N-251. <i>Tropical Medicine and Health</i> , 2019, 47, 40.	2.8	4
8	Nanoparticle-Based Photodynamic Therapy: Current Status and Future Application to Improve Outcomes of Cancer Treatment. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 637-641.	1.3	27
9	Efficient anti-tumor effect of photodynamic treatment with polymeric nanoparticles composed of polyethylene glycol and polylactic acid block copolymer encapsulating hydrophobic porphyrin derivative. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 82, 154-160.	4.0	20
10	Augmented EPR effect by photo-triggered tumor vascular treatment improved therapeutic efficacy of liposomal paclitaxel in mice bearing tumors with low permeable vasculature. <i>Journal of Controlled Release</i> , 2015, 200, 106-114.	9.9	38
11	Improvement of Oral Bioavailability of N-251, a Novel Antimalarial Drug, by Increasing Lymphatic Transport with Long-Chain Fatty Acid-Based Self-Nanoemulsifying Drug Delivery System. <i>Pharmaceutical Research</i> , 2015, 32, 2595-608.	3.5	22
12	A novel approach to overcome multidrug resistance: Utilization of P-gp mediated efflux of paclitaxel to attack neighboring vascular endothelial cells in tumors. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 62, 274-280.	4.0	15
13	Development of transdermal therapeutic formulation of CNS5161, a novel NMDA receptor antagonist, by utilizing pressure-sensitive adhesives II: Improved transdermal absorption and evaluation of efficacy and safety. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 52, 86-94.	4.0	3
14	Establishment of Novel Prediction System of Intestinal Absorption in Humans Using Human Intestinal Tissues. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 2564-2571.	3.3	29
15	Formulation and Evaluation of Paclitaxel-Loaded Polymeric Nanoparticles Composed of Polyethylene Glycol and Polylactic Acid Block Copolymer. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1306-1313.	1.4	23
16	Development of Transdermal Therapeutic Formulation of CNS5161, a Novel N-Methyl-D-aspartate Receptor Antagonist, by Utilizing Pressure-Sensitive Adhesives I. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 321-328.	1.4	8
17	Deeper Penetration into Tumor Tissues and Enhanced in Vivo Antitumor Activity of Liposomal Paclitaxel by Pretreatment with Angiogenesis Inhibitor SU5416. <i>Molecular Pharmaceutics</i> , 2012, 9, 3486-3494.	4.6	24
18	Sex differences in pharmacokinetics of cilostazol in rats. <i>Xenobiotica</i> , 2011, 41, 903-913.	1.1	13

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19	Antimalarial activity of endoperoxide compound 6-(1,2,6,7-tetraoxaspiro[7.11]nonadec-4-yl)hexan-1-ol. <i>Parasitology International</i> , 2011, 60, 270-273.	1.3	20
20	Antimalarial activity of 6-(1,2,6,7-tetraoxaspiro[7.11]nonadec-4-yl)hexan-1-ol (N-251) and its carboxylic acid derivatives. <i>Parasitology International</i> , 2011, 60, 488-492.	1.3	17
21	PEG liposomalization of paclitaxel improved its in vivo disposition and anti-tumor efficacy. <i>International Journal of Pharmaceutics</i> , 2011, 412, 132-141.	5.2	121
22	An emulsion generating microchannel device oscillated by piezoelectric vibrator. , 2010, , .		0
23	In vivo anti-tumor effect of PEG liposomal doxorubicin (DOX) in DOX-resistant tumor-bearing mice: Involvement of cytotoxic effect on vascular endothelial cells. <i>Journal of Controlled Release</i> , 2009, 133, 4-10.	9.9	91
24	Effect of adrenergic stimulation on drug absorption via passive diffusion in Caco-2 cells. <i>International Journal of Pharmaceutics</i> , 2009, 368, 31-36.	5.2	14
25	Evaluation of in vivo dissolution behavior and GI transit of griseofulvin, a BCS class II drug. <i>International Journal of Pharmaceutics</i> , 2008, 352, 36-43.	5.2	25
26	Albumin-conjugated PEG liposome enhances tumor distribution of liposomal doxorubicin in rats. <i>International Journal of Pharmaceutics</i> , 2008, 353, 28-34.	5.2	72
27	Determinants for in vivo anti-tumor effects of PEG liposomal doxorubicin: Importance of vascular permeability within tumors. <i>International Journal of Pharmaceutics</i> , 2008, 359, 234-240.	5.2	78
28	Prolongation of residence time of liposome by surface-modification with mixture of hydrophilic polymers. <i>International Journal of Pharmaceutics</i> , 2008, 359, 272-279.	5.2	112
29	Prediction of oral absorption of griseofulvin, a BCS class II drug, based on GITA model: Utilization of a more suitable medium for in-vitro dissolution study. <i>Journal of Controlled Release</i> , 2007, 119, 222-228.	9.9	26
30	Optimization of Suppository Preparation Containing Sodium Laurate and Taurine That Can Safely Improve Rectal Absorption of Rebamipide. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 330-335.	1.4	14
31	Novel oral formulation safely improving intestinal absorption of poorly absorbable drugs: Utilization of polyamines and bile acids. <i>Journal of Controlled Release</i> , 2006, 111, 27-34.	9.9	42
32	Effect of particle size reduction on dissolution and oral absorption of a poorly water-soluble drug, cilostazol, in beagle dogs. <i>Journal of Controlled Release</i> , 2006, 111, 56-64.	9.9	430
33	Importance of bile acids for novel oral absorption system containing polyamines to improve intestinal absorption. <i>Journal of Controlled Release</i> , 2006, 115, 130-133.	9.9	19
34	Up-Regulation of P-Glycoprotein Expression in Small Intestine under Chronic Serotonin-Depleted Conditions in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 312, 248-255.	2.5	12
35	Regulation of Drug Absorption from Small Intestine by Enteric Nervous System I: a Poorly Absorbable Drug Via Passive Diffusion. <i>Drug Metabolism and Pharmacokinetics</i> , 2004, 19, 198-205.	2.2	14
36	Development of suppository formulation safely improving rectal absorption of rebamipide, a poorly absorbable drug, by utilizing sodium laurate and taurine. <i>Journal of Controlled Release</i> , 2004, 99, 63-71.	9.9	24

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37	Strategies for Overcoming the Stratum Corneum. American Journal of Drug Delivery, 2003, 1, 187-214.	0.6	32
38	Estimation of intradermal disposition kinetics of drugs: II. Factors determining penetration of drugs from viable skin to muscular layer. International Journal of Pharmaceutics, 2002, 239, 129-141.	5.2	39