In-hwan Baek

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.

69 papers	710 citations	15 h-index	22 g-index
73 ext. papers	844 ext. citations	3.9 avg, IF	4.22 L-index

#	Paper	IF	Citations
69	Pharmacokinetic analysis of two different doses of simvastatin following oral administration in dogs. *Journal of Veterinary Pharmacology and Therapeutics*, **2021**, 44, 333-341	1.4	
68	Pharmacokinetics of eperisone following oral administration in healthy Korean volunteers. *Biopharmaceutics and Drug Disposition*, **2021**, 42, 94-102	1.7	
67	Oral bioavailability and pharmacokinetics of esculetin following intravenous and oral administration in rats. *Xenobiotica*, **2021**, 51, 811-817	2	4
66	Gender differences and dose proportionality in the toxicokinetics of udenafil and its active metabolite following oral administration in rodents. *Toxicology and Applied Pharmacology*, **2021**, 410, 115339	4.6	
65	Pharmacokinetic interaction between dronedarone and ticagrelor following oral administration in rats. *Xenobiotica*, **2021**, 51, 194-201	2	
64	Comparative Efficacy of Oral Calcitonin-Gene-Related Peptide Antagonists for the Treatment of Acute Migraine: Updated Meta-analysis. *Clinical Drug Investigation*, **2021**, 41, 119-132	3.2	7
63	Enhanced Oral Bioavailability of Resveratrol by Using Neutralized Eudragit E Solid Dispersion Prepared via Spray Drying. *Antioxidants*, **2021**, 10,	7.1	6
62	Interspecies differences on pharmacokinetics of rebamipide following oral administration to rats and dogs. *Biopharmaceutics and Drug Disposition*, **2020**, 41, 268-272	1.7	
61	Pharmaceutical Characterization and In Vivo Evaluation of Orlistat Formulations Prepared by the Supercritical Melt-Adsorption Method Using Carbon Dioxide: Effects of Mesoporous Silica Type. *Pharmaceutics*, **2020**, 12,	6.4	3
60	Characterization and therapeutic efficacy evaluation of glimepiride and L-arginine co-amorphous formulation prepared by supercritical antisolvent process: Influence of molar ratio and preparation methods. *International Journal of Pharmaceutics*, **2020**, 581, 119232	6.5	12
59	Pure -Resveratrol Nanoparticles Prepared by A Supercritical Antisolvent Process Using Alcohol and Dichloromethane Mixtures: Effect of Particle Size on Dissolution and Bioavailability in Rats. *Antioxidants*, **2020**, 9,	7.1	14
58	A Comparative Study on the Clinical Efficacy and Safety between Combination Therapy with CDK 4/6 Inhibitor and AI Versus AI Monotherapy in HR+/HER type2- Advanced Breast Cancer: Updated Meta-analysis. *Korean Journal of Clinical Pharmacy*, **2020**, 30, 1-10	0.2	
57	Pharmacokinetic Study of a Soft Gelatin Capsule and a Solid-Supersaturatable SMEDDS Tablet of Dutasteride in Beagle Dogs. *European Journal of Drug Metabolism and Pharmacokinetics*, **2020**, 45, 235-241	2.7	2
56	Pharmacokinetic analysis of mosapride following intravenous and oral administration in beagle dogs. *Journal of Veterinary Pharmacology and Therapeutics*, **2020**, 43, 454-460	1.4	
55	Dose proportionality and pharmacokinetics of dronedarone following intravenous and oral administration to rat. *Xenobiotica*, **2019**, 49, 734-739	2	5
54	Pharmacokinetic and bioequivalence study of sugar-coated and film-coated eperisone tablets in healthy subjects: A randomized, open-label, three-way, reference-replicated crossover study?. *International Journal of Clinical Pharmacology and Therapeutics*, **2019**, 57, 55-62	2	2
53	Meta-analysis on the Efficacy of Glutamate Receptor Antagonists for Acute Migraine Treatment. *Korean Journal of Clinical Pharmacy*, **2019**, 29, 247-253	0.2	

52	Preparation and Evaluation of Resveratrol-Loaded Composite Nanoparticles Using a Supercritical Fluid Technology for Enhanced Oral and Skin Delivery. *Antioxidants*, **2019**, 8,	7.1	26
51	Development of a Resveratrol Nanosuspension Using the Antisolvent Precipitation Method without Solvent Removal, Based on a Quality by Design (QbD) Approach. *Pharmaceutics*, **2019**, 11,	6.4	17
50	Pharmacokinetic modeling and simulation of etodolac following single oral administration in dogs. *Xenobiotica*, **2019**, 49, 981-986	2	4
49	PI3Kδ contributes to ER stress-associated asthma through ER-redox disturbances: the involvement of the RIDD-RIG-I-NF-κB axis. *Experimental and Molecular Medicine*, **2018**, 50, e444	12.8	12
48	Effect of dronedarone on the pharmacokinetics of carvedilol following oral administration to rats. *European Journal of Pharmaceutical Sciences*, **2018**, 111, 13-19	5.1	6
47	Enhanced Bioavailability of Tadalafil after Intranasal Administration in Beagle Dogs. *Pharmaceutics*, **2018**, 10,	6.4	7
46	Fabrication of high-performance p-type thin film transistors using atomic-layer-deposited SnO films. *Journal of Materials Chemistry C*, **2017**, 5, 3139-3145	7.1	53
45	Determination and correlation of solubility of sarpogrelate hydrochloride in eight solvents at different temperatures. *Journal of Molecular Liquids*, **2017**, 237, 141-145	6	18
44	Solubility of cilostazol in the presence of polyethylene glycol 4000, polyethylene glycol 6000, polyvinylpyrrolidone K30, and poly(1-vinylpyrrolidone-co-vinyl acetate) at different temperatures. *Journal of Chemical Thermodynamics*, **2017**, 113, 6-10	2.9	14
43	Synthesis of SnS Thin Films by Atomic Layer Deposition at Low Temperatures. *Chemistry of Materials*, **2017**, 29, 8100-8110	9.6	49
42	Determination and correlation of solubility of pranlukast hemihydrate in five organic solvents at different temperatures and its dissolution properties. *Journal of Molecular Liquids*, **2017**, 225, 231-234	6	13
41	A Comparison of International Guidelines for Pediatric Asthma Pharmacotherapy. *Korean Journal of Clinical Pharmacy*, **2017**, 27, 113-118	0.2	
40	Michaelis-Menten elimination kinetics of etanercept, rheumatoid arthritis biologics, after intravenous and subcutaneous administration in rats. *European Journal of Drug Metabolism and Pharmacokinetics*, **2016**, 41, 433-9	2.7	4
39	Preparation and Characterization of TPGS-Colloidal Silica Microparticles for Enhancement of Solubility and Oral Bioavailability of Lercanidipine Hydrochloride. *Bulletin of the Korean Chemical Society*, **2016**, 37, 660-666	1.2	3
38	Pharmacokinetic modeling and Monte Carlo simulation of ondansetron following oral administration in dogs. *Journal of Veterinary Pharmacology and Therapeutics*, **2015**, 38, 199-202	1.4	3
37	Enhancement of dissolution and bioavailability of ezetimibe by amorphous solid dispersion nanoparticles fabricated using supercritical antisolvent process. *Journal of Pharmaceutical Investigation*, **2015**, 45, 641-649	6.3	25
36	Fabrication and evaluation of celecoxib microparticle surface modified by hydrophilic cellulose and surfactant. *International Journal of Biological Macromolecules*, **2015**, 72, 1473-8	7.9	12
35	Dissolution and bioavailability of lercanidipine-hydroxypropylmethyl cellulose nanoparticles with surfactant. *International Journal of Biological Macromolecules*, **2015**, 72, 218-22	7.9	20

34	Determination of influence of food intake after a single oral dose of mosapride in beagle dogs using nonlinear mixed effect modeling. *Journal of Veterinary Pharmacology and Therapeutics*, **2015**, 38, 590-5	1.4	1
33	Effects of food intake on pharmacokinetics of mosapride in beagle dogs. *Journal of Veterinary Pharmacology and Therapeutics*, **2015**, 38, 497-9	1.4	4
32	Design of a gelatin microparticle-containing self-microemulsifying formulation for enhanced oral bioavailability of dutasteride. *Drug Design, Development and Therapy*, **2015**, 9, 3231-8	4.4	7
31	Enhanced supersaturation and oral absorption of sirolimus using an amorphous solid dispersion based on Eudragit e. *Molecules*, **2015**, 20, 9496-509	4.8	18
30	Improving dissolution and oral bioavailability of pranlukast hemihydrate by particle surface modification with surfactants and homogenization. *Drug Design, Development and Therapy*, **2015**, 9, 3257-66	4.4	2
29	Development of megestrol acetate solid dispersion nanoparticles for enhanced oral delivery by using a supercritical antisolvent process. *Drug Design, Development and Therapy*, **2015**, 9, 4269-77	4.4	15
28	Preparation and in vivo evaluation of a dutasteride-loaded solid-supersaturatable self-microemulsifying drug delivery system. *International Journal of Molecular Sciences*, **2015**, 16, 10821-33	6.3	26
27	A simple pharmacokinetic model of alendronate developed using plasma concentration and urine excretion data from healthy men. *Drug Development and Industrial Pharmacy*, **2014**, 40, 1325-9	3.6	6
26	Dissolution and oral absorption of pranlukast nanosuspensions stabilized by hydroxypropylmethyl cellulose. *International Journal of Biological Macromolecules*, **2014**, 67, 53-7	7.9	22
25	Oral absorption of a valsartan-loaded spray-dried emulsion based on hydroxypropylmethyl cellulose. *International Journal of Biological Macromolecules*, **2014**, 69, 222-8	7.9	17
24	Preparation and evaluation of solid dispersion of atorvastatin calcium with Soluplus by spray drying technique. *Chemical and Pharmaceutical Bulletin*, **2014**, 62, 545-51	1.9	50
23	Fabrication and evaluation of valsartan-polymer- surfactant composite nanoparticles by using the supercritical antisolvent process. *International Journal of Nanomedicine*, **2014**, 9, 5167-76	7.3	35
22	Formulation, characterization, and in vivo evaluation of celecoxib-PVP solid dispersion nanoparticles using supercritical antisolvent process. *Molecules*, **2014**, 19, 20325-39	4.8	34
21	Development of a pharmacokinetic/pharmacodynamic/disease progression model in NC/Nga mice for development of novel anti-atopic dermatitis drugs. *Xenobiotica*, **2014**, 44, 975-87	2	6
20	Development of a population pharmacokinetic model to describe olmesartan medoxomil/ hydrochlorothiazide (20/12.5 mg) FDC tablet in male healthy South Korean subjects. *International Journal of Clinical Pharmacology and Therapeutics*, **2014**, 52, 676-83	2	4
19	Pharmacokinetic analysis of doxifluridine and its metabolites, 5-fluorouracil and 5-fluorouridine, after oral administration in beagle dogs. *European Journal of Drug Metabolism and Pharmacokinetics* , **2013**, 38, 295-9	2.7	2
18	Effect of food intake on the pharmacokinetics of sarpogrelate and its active metabolite following oral administration to beagle dogs. *Xenobiotica*, **2013**, 43, 895-900	2	6
17	Biopharmaceutical characterization of decursin and their derivatives for drug discovery. *Drug Development and Industrial Pharmacy*, **2013**, 39, 1523-30	3.6	10

16	Population pharmacokinetics of multiple alcohol intake in humans. *Alcohol*, **2013**, 47, 159-65	2.7	8
15	Simultaneous Determination of Olanzapine and its Major Metabolite N-Desmethyl Olanzapine in Rat Plasma by HPLC-MS/MS: Application of PK in Rat. *Bulletin of the Korean Chemical Society*, **2013**, 34, 2567-2568	1.2	
14	Physicochemical characterization and toxicity of decursin and their derivatives from Angelica gigas. *Biological and Pharmaceutical Bulletin*, **2012**, 35, 1084-90	2.3	9
13	Population PK/PD analysis of metformin using the signal transduction model. *British Journal of Clinical Pharmacology*, **2012**, 74, 815-23	3.8	9
12	Effect of decursin on the pharmacokinetics of theophylline and its metabolites in rats. *Journal of Ethnopharmacology*, **2012**, 144, 248-54	5	6
11	Quantitative Determination of Amitriptyline and Its Metabolite in Rat Plasma by Liquid Chromatography-tandem Mass Spectrometry. *Bulletin of the Korean Chemical Society*, **2012**, 33, 2163-2167	1.2	7
10	Modelling the atypical absorption of menatetrenone and the metabolism to its epoxide: effect of VKORC1 polymorphism. *Journal of Clinical Pharmacy and Therapeutics*, **2011**, 36, 390-8	2.2	2
9	A phase I study to characterize the multiple-dose pharmacokinetics, pharmacodynamics and safety of new enteric-coated triflusal formulations in healthy male volunteers. *Expert Opinion on Drug Metabolism and Toxicology*, **2011**, 7, 1471-9	5.5	4
8	Simultaneous determination of L-arginine, asymmetric dimethylarginine, and symmetric dimethylarginine in the plasma of rodents with LC-MS/MS. *Arzneimittelforschung*, **2011**, 61, 340-6		6
7	Comparison of average, scaled average, and population bioequivalence methods for assessment of highly variable drugs: an experience with doxifluridine in beagle dogs. *European Journal of Pharmaceutical Sciences*, **2010**, 39, 175-80	5.1	12
6	Influence of dissolved oxygen concentration on the pharmacokinetics of alcohol in humans. *Alcoholism: Clinical and Experimental Research*, **2010**, 34, 834-9	3.7	7
5	Oxygenated Alcohol Sober Faster!. *Alcoholism: Clinical and Experimental Research*, **2010**, 34, 1673-1674	3.7	
4	Development and Validation of a Robust LC-MS/MS Method for the Simultaneous Quantification of Doxifluridine and its Two Metabolites in Beagle Dog Plasma. *Bulletin of the Korean Chemical Society* , **2010**, 31, 2235-2241	1.2	1
3	Pharmacokinetic/pharmacodynamic modeling of the cardiovascular effects of beta blockers in humans. *Archives of Pharmacal Research*, **2008**, 31, 814-21	6.1	14
2	Effects of smoking on the pharmacokinetics and pharmacodynamics of a nicotine patch. *Biopharmaceutics and Drug Disposition*, **2008**, 29, 521-8	1.7	8
1	Simultaneous analysis of naltrexone and its major metabolite, 6-beta-naltrexol, in human plasma using liquid chromatography-tandem mass spectrometry: Application to a parent-metabolite kinetic model in humans. *Talanta*, **2007**, 71, 1553-9	6.2	10