Beom Soo Shin

List of Publications by Year
in descending order

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130 papers	3,472 citations	101543 36 h-index	168389 53 g-index
133 all docs	133 docs citations	133 times ranked	5692 citing authors

#	Article	IF	Citations
1	Layer-by-layer assembly of liposomal nanoparticles with PEGylated polyelectrolytes enhances systemic delivery of multiple anticancer drugs. Acta Biomaterialia, 2014, 10, 5116-5127.	8.3	189
2	Doxorubicin-loaded highly porous large PLGA microparticles as a sustained- release inhalation system for the treatment of metastatic lung cancer. Biomaterials, 2012, 33, 5574-5583.	11.4	153
3	Doxorubicin-loaded nanoparticles consisted of cationic- and mannose-modified-albumins for dual-targeting in brain tumors. Journal of Controlled Release, 2016, 225, 301-313.	9.9	147
4	Inhalable self-assembled albumin nanoparticles for treating drug-resistant lung cancer. Journal of Controlled Release, 2015, 197, 199-207.	9.9	128
5	Doxorubicin-loaded porous PLGA microparticles with surface attached TRAIL for the inhalation treatment of metastatic lung cancer. Biomaterials, 2013, 34, 6444-6453.	11.4	115
6	Development of a New Pre- and Post-Processing Tool (SADAPT-TRAN) for Nonlinear Mixed-Effects Modeling in S-ADAPT. AAPS Journal, 2011, 13, 201-211.	4.4	111
7	Recovery from silver-nanoparticle-exposure-induced lung inflammation and lung function changes in Sprague Dawley rats. Nanotoxicology, 2013, 7, 169-180.	3.0	90
8	Two Mechanisms of Killing of Pseudomonas aeruginosa by Tobramycin Assessed at Multiple Inocula via Mechanism-Based Modeling. Antimicrobial Agents and Chemotherapy, 2015, 59, 2315-2327.	3.2	76
9	Development of Vorinostat-Loaded Solid Lipid Nanoparticles to Enhance Pharmacokinetics and Efficacy against Multidrug-Resistant Cancer Cells. Pharmaceutical Research, 2014, 31, 1978-1988.	3.5	70
10	Size-dependent clearance of gold nanoparticles from lungs of Sprague–Dawley rats after short-term inhalation exposure. Archives of Toxicology, 2015, 89, 1083-1094.	4.2	69
11	Silver nanoparticle-embedded graphene oxide-methotrexate for targeted cancer treatment. Colloids and Surfaces B: Biointerfaces, 2017, 153, 95-103.	5.0	68
12	Paclitaxel and curcumin co-bound albumin nanoparticles having antitumor potential to pancreatic cancer. Asian Journal of Pharmaceutical Sciences, 2016, 11, 708-714.	9.1	64
13	Development of a gastroretentive delivery system for acyclovir by 3D printing technology and its in vivo pharmacokinetic evaluation in Beagle dogs. PLoS ONE, 2019, 14, e0216875.	2.5	63
14	Biochanin A Inhibits Breast Cancer Tumor Growth in A Murine Xenograft Model. Pharmaceutical Research, 2008, 25, 2158-63.	3.5	62
15	Self-assembled glycol chitosan nanogels containing palmityl-acylated exendin-4 peptide as a long-acting anti-diabetic inhalation system. Journal of Controlled Release, 2012, 161, 728-734.	9.9	62
16	Synergistic anticancer activity of combined histone deacetylase and proteasomal inhibitor-loaded zein nanoparticles in metastatic prostate cancers. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 885-896.	3.3	57
17	Compounds from the heartwood of Caesalpinia sappan and their anti-inflammatory activity. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7436-7439.	2.2	56
18	PHYSIOLOGICALLY BASED PHARMACOKINETICS OF BISPHENOL A. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2004, 67, 1971-1985.	2.3	55

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19	In situ facile-forming PEG cross-linked albumin hydrogels loaded with an apoptotic TRAIL protein. Journal of Controlled Release, 2015, 214, 30-39.	9.9	50
20	Targeted co-delivery of polypyrrole and rapamycin by trastuzumab-conjugated liposomes for combined chemo-photothermal therapy. International Journal of Pharmaceutics, 2017, 527, 61-71.	5.2	47
21	Facile one-pot formulation of TRAIL-embedded paclitaxel-bound albumin nanoparticles for the treatment of pancreatic cancer. International Journal of Pharmaceutics, 2015, 494, 506-515.	5.2	45
22	Polymyxin-resistant, carbapenem-resistant Acinetobacter baumannii is eradicated by a triple combination of agents that lack individual activity. Journal of Antimicrobial Chemotherapy, 2017, 72, 1415-1420.	3.0	44
23	Sensitive high performance liquid chromatographic assay for assessment of doxorubicin pharmacokinetics in mouse plasma and tissues. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 837-841.	2.3	41
24	Human Serum Albumin-TRAIL Conjugate for the Treatment of Rheumatoid Arthritis. Bioconjugate Chemistry, 2014, 25, 2212-2221.	3.6	41
25	Modulation of Pharmacokinetic and Cytotoxicity Profile of Imatinib Base by Employing Optimized Nanostructured Lipid Carriers. Pharmaceutical Research, 2015, 32, 2912-2927.	3.5	41
26	Lipophilic activated ester prodrug approach for drug delivery to the intestinal lymphatic system. Journal of Controlled Release, 2018, 286, 10-19.	9.9	41
27	Determination of clopidogrel in human plasma by liquid chromatography/tandem mass spectrometry: application to a clinical pharmacokinetic study. Biomedical Chromatography, 2007, 21, 883-889.	1.7	40
28	Four-arm PEG cross-linked hyaluronic acid hydrogels containing PEGylated apoptotic TRAIL protein for treating pancreatic cancer. Acta Biomaterialia, 2014, 10, 142-150.	8.3	40
29	A Randomized Placebo-Controlled, Dose-Finding Study of Oral Lb80380 in Hbeag-Positive Patients with Chronic Hepatitis B. Antiviral Therapy, 2006, 11, 977-984.	1.0	40
30	MATERNAL-FETAL DISPOSITION OF BISPHENOL A IN PREGNANT SPRAGUE-DAWLEY RATS. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2002, 65, 395-406.	2.3	38
31	Use of an Anti-Vascular Endothelial Growth Factor Antibody in a Pharmacokinetic Strategy to Increase the Efficacy of Intraperitoneal Chemotherapy. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 580-591.	2.5	38
32	Disposition, Oral Bioavailability, and Tissue Distribution of Zearalenone in Rats at Various Dose Levels. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 1406-1411.	2.3	38
33	Systemic delivery of axitinib with nanohybrid liposomal nanoparticles inhibits hypoxic tumor growth. Journal of Materials Chemistry B, 2015, 3, 408-416.	5.8	37
34	Layer-by-layer assembly of hierarchical nanoarchitectures to enhance the systemic performance of nanoparticle albumin-bound paclitaxel. International Journal of Pharmaceutics, 2017, 519, 11-21.	5.2	37
35	Beta-carotene-bound albumin nanoparticles modified with chlorin e6 for breast tumor ablation based on photodynamic therapy. Colloids and Surfaces B: Biointerfaces, 2018, 171, 123-133.	5.0	37
36	Polypeptide-based Micelles for Delivery of Irinotecan: Physicochemical and In vivo Characterization. Pharmaceutical Research, 2015, 32, 1947-1956.	3.5	36

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37	Determination of acrylamide and glycidamide in various biological matrices by liquid chromatographyâ€“tandem mass spectrometry and its application to a pharmacokinetic study. Talanta, 2015, 131, 46-54.	5.5	35
38	Model-based drug development: application of modeling and simulation in drug development. Journal of Pharmaceutical Investigation, 2018, 48, 431-441.	5.3	33
39	Rh-catalyzed oxidative C2-alkenylation of indoles with alkynes: unexpected cleavage of directing group. Tetrahedron Letters, 2014, 55, 3104-3107.	1.4	32
40	Aminoglycoside Concentrations Required for Synergy with Carbapenems against Pseudomonas aeruginosa Determined via Mechanistic Studies and Modeling. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	31
41	Optimization of a Meropenem-Tobramycin Combination Dosage Regimen against Hypermutable and Nonhypermutable Pseudomonas aeruginosa via Mechanism-Based Modeling and the Hollow-Fiber Infection Model. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	31
42	Physiologically Based Pharmacokinetics of Zearalenone. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 1395-1405.	2.3	30
43	Small gold nanorods-loaded hybrid albumin nanoparticles with high photothermal efficacy for tumor ablation. Colloids and Surfaces B: Biointerfaces, 2019, 179, 340-351.	5.0	30
44	Absorption, First-Pass Metabolism, and Disposition of Itraconazole in Rats.. Chemical and Pharmaceutical Bulletin, 2000, 48, 798-801.	1.3	28
45	Determination of zearalenone by liquid chromatography/tandem mass spectrometry and application to a pharmacokinetic study. Biomedical Chromatography, 2009, 23, 1014-1021.	1.7	27
46	Pharmacokinetic Disposition of Polyethylene Glycol-Modified Salmon Calcitonins in Rats.. Chemical and Pharmaceutical Bulletin, 2000, 48, 1921-1924.	1.3	26
47	Tissue distribution of gold and silver after subacute intravenous injection of co-administered gold and silver nanoparticles of similar sizes. Archives of Toxicology, 2018, 92, 1393-1405.	4.2	25
48	Development of a Physiologically Relevant Population Pharmacokinetic in Vitroâ€“in Vivo Correlation Approach for Designing Extended-Release Oral Dosage Formulation. Molecular Pharmaceutics, 2017, 14, 53-65.	4.6	24
49	Oral Absorption and Pharmacokinetics of Rebamipide and Rebamipide Lysinate in Rats. Drug Development and Industrial Pharmacy, 2004, 30, 869-876.	2.0	23
50	Physiologically Relevant In Vitro-In Vivo Correlation (IVIVC) Approach for Sildenafil with Site-Dependent Dissolution. Pharmaceutics, 2019, 11, 251.	4.5	23
51	Pharmacokinetic scaling of bisphenol A by species-invariant time methods. Xenobiotica, 2002, 32, 925-934.	1.1	22
52	Enhanced absorption and tissue distribution of paclitaxel following oral administration of DHP 107, a novel mucoadhesive lipid dosage form. Cancer Chemotherapy and Pharmacology, 2009, 64, 87-94.	2.3	21
53	Effects of Phytochemical P-Glycoprotein Modulators on the Pharmacokinetics and Tissue Distribution of Doxorubicin in Mice. Molecules, 2018, 23, 349.	3.8	21
54	Comprehensive Study of Intermediate and Critical Quality Attributes for Process Control of High-Shear Wet Granulation Using Multivariate Analysis and the Quality by Design Approach. Pharmaceutics, 2019, 11, 252.	4.5	21

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55	Interspecies comparison of the oral absorption of itraconazole in laboratory animals. Archives of Pharmacal Research, 2002, 25, 387-391.	6.3	20
56	Assessment of Bisphenol a Exposure in Korean Pregnant Women by Physiologically Based Pharmacokinetic Modeling. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 1586-1598.	2.3	20
57	Role of metabolism by intestinal bacteria in arbutin-induced toxicity in vitro. Archives of Pharmacal Research, 2011, 34, 687-693.	6.3	20
58	Pharmacokinetics and metabolite profiling of fimasartan, a novel antihypertensive agent, in rats. Xenobiotica, 2014, 44, 913-925.	1.1	20
59	Population Pharmacokinetic Modeling of the Enterohepatic Recirculation of Fimasartan in Rats, Dogs, and Humans. AAPS Journal, 2015, 17, 1210-1223.	4.4	20
60	Analysis of enantiomers of sibutramine and its metabolites in rat plasma by liquid chromatographyâ€“mass spectrometry using a chiral stationary-phase column. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 267-270.	2.8	18
61	Simultaneous determination of fimasartan, a novel antihypertensive agent, and its active metabolite in rat plasma by liquid chromatographyâ€“tandem mass spectrometry. Biomedical Chromatography, 2011, 25, 1208-1214.	1.7	18
62	Simultaneous analysis of acetylcarnitine, proline, hydroxyproline, citrulline, and arginine as potential plasma biomarkers to evaluate NSAIDs-induced gastric injury by liquid chromatographyâ€“tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2019, 165, 101-111.	2.8	17
63	3D-Printed Gastroretentive Sustained Release Drug Delivery System by Applying Design of Experiment Approach. Molecules, 2020, 25, 2330.	3.8	17
64	Novel Cassette Assay To Quantify the Outer Membrane Permeability of Five Î²-Lactams Simultaneously in Carbapenem-Resistant Klebsiella pneumoniae and Enterobacter cloacae. MBio, 2020, 11, .	4.1	17
65	Simultaneous determination of phenoxyethanol and its major metabolite, phenoxyacetic acid, in rat biological matrices by LCâ€“MS/MS with polarity switching: Application to ADME studies. Talanta, 2015, 144, 29-38.	5.5	16
66	Nasal Absorption and Pharmacokinetic Disposition of Salmon Calcitonin Modified with Low Molecular Weight Polyethylene Glycol. Chemical and Pharmaceutical Bulletin, 2004, 52, 957-960.	1.3	15
67	Pharmacokinetics and tissue distribution of psammaplin A, a novel anticancer agent, in mice. Archives of Pharmacal Research, 2012, 35, 1849-1854.	6.3	15
68	Liquid chromatographyâ€“tandem mass spectrometry determination of baclofen in various biological samples and application to a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 938, 43-50.	2.3	15
69	Four Decades of Î²-Lactam Antibiotic Pharmacokinetics in Cystic Fibrosis. Clinical Pharmacokinetics, 2019, 58, 143-156.	3.5	15
70	Effects of Verapamil and Diltiazem on the Pharmacokinetics and Pharmacodynamics of Rivaroxaban. Pharmaceutics, 2019, 11, 133.	4.5	15
71	InÂvivo absorption and disposition of Î±-cedrene, a sesquiterpene constituent of cedarwood oil, in female and male rats. Drug Metabolism and Pharmacokinetics, 2015, 30, 168-173.	2.2	14
72	Development of a liquid chromatography/electrospray tandem mass spectrometry assay for the quantification of apicidin, a novel histone deacetylase inhibitor, in rat serum: application to a pharmacokinetic study. Rapid Communications in Mass Spectrometry, 2005, 19, 408-414.	1.5	13

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73	Development of LC/MS/MS assay for the determination of 5-ethyl-2-{5-[4-(2-hydroxyethyl)piperazine-1-sulfonyl]-2-propoxyphenyl}-7-propyl-3,5-dihydropyrrolo[3,2-d]pyrimidin-4-one (SK3530) in human plasma: application to a clinical pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 176-184.	2.8	13
74	Absolute bioavailability and metabolism of aceclofenac in rats. Archives of Pharmacal Research, 2015, 38, 68-72.	6.3	13
75	Novel extended in vitro-in vivo correlation model for the development of extended-release formulations for baclofen: From formulation composition to in vivo pharmacokinetics. International Journal of Pharmaceutics, 2019, 556, 276-286.	5.2	13
76	Interspecies scaling of oleanolic acid in mice, rats, rabbits and dogs and prediction of human pharmacokinetics. Archives of Pharmacal Research, 2009, 32, 251-257.	6.3	12
77	Prediction of drug bioavailability in humans using immobilized artificial membrane phosphatidylcholine column chromatography and in vitro hepatic metabolic clearance. Biomedical Chromatography, 2009, 23, 764-769.	1.7	11
78	Simultaneous determination of 7-O-succinyl macrolactin A and its metabolite macrolactin A in rat plasma using liquid chromatography coupled to tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2014, 98, 85-89.	2.8	11
79	Oral bioavailability and enterohepatic recirculation of otilonium bromide in rats. Archives of Pharmacal Research, 2008, 31, 117-124.	6.3	10
80	Combating Carbapenem-Resistant Acinetobacter baumannii by an Optimized Imipenem-plus-Tobramycin Dosage Regimen: Prospective Validation via Hollow-Fiber Infection and Mathematical Modeling. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	10
81	Development of a Population Pharmacokinetics-Based in vitro-in vivo Correlation Model for Drugs with Site-Dependent Absorption: the Acyclovir Case Study. AAPS Journal, 2020, 22, 27.	4.4	10
82	Combating Multidrugâ€Resistant Bacteria by Integrating a Novel Target Site Penetration and Receptor Binding Assay Platform Into Translational Modeling. Clinical Pharmacology and Therapeutics, 2021, 109, 1000-1020.	4.7	10
83	Pharmacokinetics of a novel histone deacetylase inhibitor, apicidin, in rats. Biopharmaceutics and Drug Disposition, 2006, 27, 69-75.	1.9	9
84	Development of a Sensitive LC Assay with Fluorescence Detection for the Determination of Zearalenone in Rat Serum. Chromatographia, 2009, 69, 295-299.	1.3	9
85	Quantitative Determination of Absorption and First-Pass Metabolism of Apicidin, a Potent Histone Deacetylase Inhibitor. Drug Metabolism and Disposition, 2014, 42, 974-982.	3.3	9
86	PEGylated apoptotic protein-loaded PLGA microspheres for cancer therapy. International Journal of Nanomedicine, 2015, 10, 739.	6.7	9
87	Safety, Tolerability, and Pharmacokinetics of Telacebec (Q203), a New Antituberculosis Agent, in Healthy Subjects. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0143621.	3.2	9
88	Simultaneous determination of glimepiride and its metabolites in human plasma by liquid chromatography coupled to a tandem mass spectrometry. Archives of Pharmacal Research, 2011, 34, 2073-2078.	6.3	8
89	Sensitive liquid chromatography-tandem mass spectrometry method for the simultaneous determination of benzyl butyl phthalate and its metabolites, monobenzyl phthalate and monobutyl phthalate, in rat plasma, urine, and various tissues collected from a toxicokinetic study. Analytical and Bioanalytical Chemistry, 2015, 407, 7391-7400.	3.7	8
90	Pharmacokinetics and Anti-Gastric Ulceration Activity of Oral Administration of Aceclofenac and Esomeprazole in Rats. Pharmaceutics, 2018, 10, 152.	4.5	8

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91	Prediction of human pharmacokinetics and tissue distribution of apicidin, a potent histone deacetylase inhibitor, by physiologically based pharmacokinetic modeling. Cancer Chemotherapy and Pharmacology, 2011, 68, 465-475.	2.3	7
92	Determination and pharmacokinetics of [6]â€gingerol in mouse plasma by liquid chromatographyâ€“tandem mass spectrometry. Biomedical Chromatography, 2012, 26, 660-665.	1.7	7
93	Pharmacokinetic Alteration of Baclofen by Multiple Oral Administration of Herbal Medicines in Rats. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-9.	1.2	7
94	HPLCâ€“MS/MS analysis of mesupron and its application to a pharmacokinetic study in rats. Journal of Pharmaceutical and Biomedical Analysis, 2018, 150, 39-42.	2.8	7
95	Quantitative Prediction of Oral Bioavailability of a Lipophilic Antineoplastic Drug Bexarotene Administered in Lipidic Formulation Using a Combined InÂVitro Lipolysis/Microsomal Metabolism Approach. Journal of Pharmaceutical Sciences, 2019, 108, 1047-1052.	3.3	7
96	A sensitive LCâ€“ESI-MS/MS method for the quantification of avobenzone in rat plasma and skin layers: Application to a topical administration study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1003, 41-46.	2.3	6
97	Human Ferritin Platform and Its Optimized Structures to Enhance Antiâ€Cancer Immunity. Advanced Therapeutics, 2021, 4, 2000208.	3.2	6
98	Altered Oral Absorption of Alcohol by Combined Aqueous Extracts of Four Herbal Plants in Rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2005, 68, 2219-2226.	2.3	5
99	Dose-linear pharmacokinetics, tissue distribution, and excretion of a recombinant fusion protein 125I-GST-TatdMt possessing potent anti-obesity activity. Regulatory Peptides, 2005, 129, 25-30.	1.9	5
100	Pharmacokinetics of 125I-GST-TatdMt, a recombinant fusion protein possessing potent anti-obesity activity, after intravenous, nasal, oral, and subcutaneous administration. Regulatory Peptides, 2007, 140, 74-80.	1.9	5
101	Preparation and evaluation of 17-allyamino-17-demethoxygeldanamycin (17-AAG)-loaded poly(lactic) Tj ETQq1 1 0.784314 rgBT /Over	6.3	5
102	Regional Absorption of Fimasartan in the Gastrointestinal Tract by an Improved in situ Absorption Method in Rats. Pharmaceutics, 2018, 10, 174.	4.5	5
103	Synthesis and Caco-2 cell permeability of N-substituted anthranilamide esters as ADP inhibitor in platelets. Archives of Pharmacal Research, 2015, 38, 1147-1156.	6.3	4
104	Chemical stability and in vitro and clinical efficacy of a novel hybrid retinoid derivative, bis-retinamido methylpentane. International Journal of Pharmaceutics, 2015, 495, 93-105.	5.2	4
105	Characterizing the time-course of antihypertensive activity and optimal dose range of fimasartan via mechanism-based population modeling. European Journal of Pharmaceutical Sciences, 2017, 107, 32-44.	4.0	4
106	Alterations in Pharmacokinetics of Gemcitabine and Erlotinib by Concurrent Administration of Hyangsayukgunja-Tang, a Gastroprotective Herbal Medicine. Molecules, 2017, 22, 1515.	3.8	4
107	Stereo-Selective Pharmacokinetics of Ilimaquinone Epimers Extracted from a Marine Sponge in Rats. Marine Drugs, 2019, 17, 171.	4.6	4
108	Pharmacokinetics of Shikimic Acid Following Intragastric and Intravenous Administrations in Rats. Pharmaceutics, 2020, 12, 824.	4.5	4

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109	Novel extended IVIVC combined with DoE to predict pharmacokinetics from formulation compositions. Journal of Controlled Release, 2022, 343, 443-456.	9.9	4
110	Pharmacokinetics of Nafamostat, a Potent Serine Protease Inhibitor, by a Novel LC-MS/MS Analysis. Molecules, 2022, 27, 1881.	3.8	4
111	Liquid Chromatography-Tandem Mass Spectrometry of Desoxo-Narchinol a and Its Pharmacokinetics and Oral Bioavailability in Rats and Mice. Molecules, 2019, 24, 2037.	3.8	3
112	Radiosensitization of Glioblastoma Cells by a Novel DNA Methyltransferase-inhibiting Phthalimido-Alkanamide Derivative. Anticancer Research, 2019, 39, 759-769.	1.1	3
113	Quantitative Analysis of Ursolic Acid and Euscaphic Acid in Chaenomelis Fructus by HPLC-Evaporative Light Scattering Detection. Bulletin of the Korean Chemical Society, 2014, 35, 2210-2212.	1.9	3
114	LC-MS-MS Determination of Cyclo{(2S)-2-amino-8-[(aminocarbonyl)hydrazono] decanoyl-1-l-tryptophyl-l-isoleucyl-(2R)-2-piperidinecarbonyl} a Novel Histone Deacetylase Inhibitor in Rat Serum. Chromatographia, 2008, 67, 231-235.	1.3	2
115	Development and validation of a reversed-phase fluorescence HPLC method for determination of bucillamine in human plasma using pre-column derivatization with monobromobimane. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2130-2134.	2.3	2
116	HPLC-MS/MS METHOD FOR THE PHARMACOKINETICS OF HOMOSALATE AFTER TOPICAL ADMINISTRATION IN RATS. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2465-2477.	1.0	2
117	Estimation of nitric oxide synthase activity via liquid chromatography/tandem mass spectrometric assay determination of ¹⁵N₃â€citrulline in biological samples. Rapid Communications in Mass Spectrometry, 2015, 29, 447-455.	1.5	2
118	LC-APCI-MS/MS Quantification and Topical Bioavailability of Chloroacetamide in Rats. Journal of Chromatographic Science, 2015, 53, 1100-1106.	1.4	2
119	Placental transfer and mammary excretion of a novel angiotensin receptor blocker fimasartan in rats. BMC Pharmacology & Toxicology, 2016, 17, 35.	2.4	2
120	An albumin nanocomplex-based endosomal pH-activatable on/off probe system. Colloids and Surfaces B: Biointerfaces, 2016, 144, 327-334.	5.0	2
121	Effect of Sipjeondaebo-Tang on the Pharmacokinetics of S-1, an Anticancer Agent, in Rats Evaluated by Population Pharmacokinetic Modeling. Molecules, 2017, 22, 1488.	3.8	2
122	Alterations of Gefitinib Pharmacokinetics by Co-administration of Herbal Medications in Rats. Chinese Journal of Integrative Medicine, 2018, 24, 460-466.	1.6	2
123	In Vitro Investigation of the Hepatic Intrinsic Clearance of Apicidin, a Histone Deacetylase Inhibitor, in Mouse, Rat, and Human, with Correction by Nonspecific Protein Binding. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2005, 68, 2207-2218.	2.3	1
124	Population Pharmacokinetics of a Novel Histone Deacetylase Inhibitor, Cyclo{(2S)-2-Amino-8-[(Aminocarbonyl)Hydrazono] Decanoyl-1-L-Tryptophyl-L-Isoleucyl-(2R)-2-Piperidinecarbonyl} (SD-2007), and Its Metabolic Conversion to Apicidin after Intravenous Injection and Oral Administration in Rats. Chemotherapy, 2011, 57, 259-267.	1.6	1
125	Reduced variability in tacrolimus pharmacokinetics following intramuscular injection compared to oral administration in cynomolgus monkeys: Investigating optimal dosing regimens. Journal of Pharmacological Sciences, 2019, 139, 65-71.	2.5	1
126	Psammaplin A-Modified Novel Radiosensitizers for Human Lung Cancer and Glioblastoma Cells. Journal of Radiation Protection and Research, 2019, 44, 15-25.	0.6	1

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127	Comparison of the exposure assessment of di(2-ethylhexyl) phthalate between the PBPK model-based reverse dosimetry and scenario-based analysis: A Korean general population study. Chemosphere, 2022, 294, 133549.	8.2	1
128	Pharmacokinetics of GST-TatdMt, a recombinant fusion protein possessing potent anti-obesity activity, in Mice. Archives of Pharmacal Research, 2007, 30, 1162-1167.	6.3	0
129	Newly Synthesized DNA Methyltransferase Inhibitors as Radiosensitizers for Human Lung Cancer and Glioblastoma Cells. Anticancer Research, 2021, 41, 757-764.	1.1	0
130	Establishment of Level a In Vitroâ€“In Vivo Correlation (IVIVC) via Extended DoE-IVIVC Model: A Donepezil Case Study. Pharmaceutics, 2022, 14, 1226.	4.5	0