

Wonku Kang

List of Publications by Year in descending order

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84
papers

1,146
citations

430874

18
h-index

477307

29
g-index

84
all docs

84
docs citations

84
times ranked

1814
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticancer activity and metabolic profile alterations by ortho-topolin riboside in in vitro and in vivo models of non-small cell lung cancer. <i>FASEB Journal</i> , 2022, 36, e22127.	0.5	0
2	Quantitative determination of ICG-001 in rat plasma using HPLC-MS/MS: A pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 219, 114949.	2.8	2
3	Prediction of fluoxetine and norfluoxetine pharmacokinetic profiles using physiologically based pharmacokinetic modeling. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 1505-1513.	2.0	0
4	Protein microbeadification to achieve highly concentrated protein formulation with reversible properties and in vivo pharmacokinetics after reconstitution. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 935-948.	7.5	4
5	A sensitive analytical method for the determination of SG-SP1 in rat plasma by HPLC-MS/MS and its application to a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 202, 114151.	2.8	4
6	European Regulatory Science and Regulatory Science Expert Training Project. <i>Korean Journal of Clinical Pharmacy</i> , 2021, 31, 171-179.	0.3	1
7	Absolute oral and subcutaneous bioavailability of ortho-topolin riboside in mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114363.	2.8	1
8	Analysis of Trends in Regulatory Science and Regulatory Science Experts Training Projects: US, Japan, Singapore, and Korea. <i>Korean Journal of Clinical Pharmacy</i> , 2021, 31, 257-267.	0.3	3
9	Quantitative determination of bilobetin in rat plasma by HPLC-MS/MS and its application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2020, 34, e4784.	1.7	4
10	Ilimaquinone inhibits neovascular age-related macular degeneration through modulation of Wnt/ β -catenin and p53 pathways. <i>Pharmacological Research</i> , 2020, 161, 105146.	7.1	4
11	Characterization of CGK012 in rat plasma by high performance liquid chromatography and mass spectrometry (HPLC-MS/MS): Application to a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113458.	2.8	4
12	Pharmacokinetics of Shikimic Acid Following Intragastric and Intravenous Administrations in Rats. <i>Pharmaceutics</i> , 2020, 12, 824.	4.5	4
13	Application of an Inter-Species Extrapolation Method for the Prediction of Drug Interactions between Propolis and Duloxetine in Humans. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1862.	4.1	2
14	Estimation of an Appropriate Human Dose of Boesenbergia pandurata Extracts Based on Allometric Scaling Data of Panduratin A in Mice, Rats, and Dogs. <i>Journal of Medicinal Food</i> , 2020, 23, 453-458.	1.5	6
15	SG-SP1 Suppresses Mast Cell-Mediated Allergic Inflammation via Inhibition of Fc μ RI Signaling. <i>Frontiers in Immunology</i> , 2020, 11, 50.	4.8	10
16	Anti-inflammatory role of Prunus persica L. Batsch methanol extract on lipopolysaccharide-stimulated glial cells. <i>Molecular Medicine Reports</i> , 2020, 21, 2030-2040.	2.4	4
17	Cell Differentiation to T Helper 9 Phenotype is Elevated by Extremely Low-Frequency Electromagnetic Fields Via Induction of IL-2 Signaling. <i>Bioelectromagnetics</i> , 2019, 40, 588-601.	1.6	3
18	HPLC-MS/MS analysis of ilimaquinone and its application in a pharmacokinetic study in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 291-294.	2.8	11

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19	Cytotoxic activity of brousochalcone a against colon and liver cancer cells by promoting destruction complex-independent β -catenin degradation. Food and Chemical Toxicology, 2019, 131, 110550.	3.6	12
20	Effects of Verapamil and Diltiazem on the Pharmacokinetics and Pharmacodynamics of Rivaroxaban. Pharmaceutics, 2019, 11, 133.	4.5	15
21	Stereo-Selective Pharmacokinetics of Ilimaquinone Epimers Extracted from a Marine Sponge in Rats. Marine Drugs, 2019, 17, 171.	4.6	4
22	Sulfisoxazole inhibits the secretion of small extracellular vesicles by targeting the endothelin receptor A. Nature Communications, 2019, 10, 1387.	12.8	130
23	Effect of Korean Red Ginseng extracts on drug-drug interactions. Journal of Ginseng Research, 2018, 42, 370-378.	5.7	14
24	HPLC-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
25	Inhibitory Effects of Standardized <i>Boesenbergia pandurata</i> Extract and Its Active Compound Panduratin A on Lipopolysaccharide-Induced Periodontal Inflammation and Alveolar Bone Loss in Rats. Journal of Medicinal Food, 2018, 21, 961-970.	1.5	17
26	C1q/TNF-Related Protein 1 (CTRP1) Maintains Blood Pressure Under Dehydration Conditions. Circulation Research, 2018, 123, e5-e19.	4.5	21
27	A mechanism-based pharmacokinetic model of fenofibrate for explaining increased drug absorption after food consumption. BMC Pharmacology & Toxicology, 2018, 19, 4.	2.4	9
28	Inhibitory Effect of Standardized Curcuma xanthorrhiza Supercritical Extract on LPS-Induced Periodontitis in Rats. Journal of Microbiology and Biotechnology, 2018, 28, 1614-1625.	2.1	15
29	Population Pharmacokinetics of Cyclosporine after Hematopoietic Stem Cell Transplantation in Pediatric Patients. Korean Journal of Clinical Pharmacy, 2018, 28, 24-29.	0.3	0
30	Effect of terpinyl acetate on the percutaneous absorption of caffeine in rats. Experimental Dermatology, 2017, 26, 439-441.	2.9	0
31	Determination of panduratin A in rat plasma by HPLC-MS/MS and its application to a pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2017, 137, 151-154.	2.8	3
32	The significance of the trial outcome was associated with publication rate and time to publication. Journal of Clinical Epidemiology, 2017, 84, 78-84.	5.0	27
33	DOSAGE AND DURATION OF ETANERCEPT THERAPY FOR ANKYLOSING SPONDYLITIS: A META-ANALYSIS. International Journal of Technology Assessment in Health Care, 2017, 33, 69-75.	0.5	5
34	Effect of parity on bone mineral density: A systematic review and meta-analysis. Bone, 2017, 101, 70-76.	2.9	32
35	Extremely low-frequency electromagnetic field exposure enhances inflammatory response and inhibits effect of antioxidant in RAW 264.7 cells. Bioelectromagnetics, 2017, 38, 374-385.	1.6	21
36	Is gender still a predisposing factor in contrast-media associated adverse drug reactions? A systematic review and meta-analysis of randomized trials and observational studies. European Journal of Radiology, 2017, 89, 81-89.	2.6	6

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37	<i>In Vitro</i> Anti-Inflammatory Activity of <i>Ilex cornuta</i> Extract Mediated by Inhibition of Extracellular Signal-Regulated Kinase Phosphorylation. <i>Journal of Medicinal Food</i> , 2017, 20, 981-988.	1.5	9
38	Characterization and pharmacokinetic study of itraconazole solid dispersions prepared by solvent-controlled precipitation and spray-dry methods. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1707-1715.	2.4	9
39	Impact of gut microbiota on drug metabolism: an update for safe and effective use of drugs. <i>Archives of Pharmacal Research</i> , 2017, 40, 1345-1355.	6.3	56
40	Quantitative determination of xanthorrhizol in rat plasma by HPLC-MS/MS and its application to a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 132, 56-59.	2.8	12
41	Role of Intestinal Microbiota in Baicalin-Induced Drug Interaction and Its Pharmacokinetics. <i>Molecules</i> , 2016, 21, 337.	3.8	78
42	Simultaneous determination of N 1 -acetyl sulfisoxazole and its metabolites, and relative bioavailability compare to sulfisoxazole in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 117-120.	2.8	1
43	Quantitative determination of a synthetic amide derivative of gallic acid, SG-HQ2, using liquid chromatography tandem mass spectrometry, and its pharmacokinetics in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 103-106.	2.8	3
44	Quantitative determination of sulfisoxazole and its three N-acetylated metabolites using HPLC-MS/MS, and the saturable pharmacokinetics of sulfisoxazole in mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 332-338.	2.8	6
45	Modeling of aceclofenac metabolism to major metabolites in healthy volunteers. <i>Drug Metabolism and Pharmacokinetics</i> , 2016, 31, 458-463.	2.2	2
46	<i>In Vitro</i> antioxidative and anti-inflammatory activities of the ethanol extract of eggplant (<i>Solanum melongena</i>) stalks in macrophage RAW 264.7 cells. <i>Food and Agricultural Immunology</i> , 2016, 27, 758-771.	1.4	28
47	Simultaneous determination of 3- O -acetyloleanolic acid and oleanolic acid in rat plasma using liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 118, 96-100.	2.8	12
48	Pharmacokinetic Interaction of Chrysin with Caffeine in Rats. <i>Biomolecules and Therapeutics</i> , 2016, 24, 446-452.	2.4	25
49	Differences between Drug-Induced and Contrast Media-Induced Adverse Reactions Based on Spontaneously Reported Adverse Drug Reactions. <i>PLoS ONE</i> , 2015, 10, e0142418.	2.5	9
50	Effects of Baicalin on Oral Pharmacokinetics of Caffeine in Rats. <i>Biomolecules and Therapeutics</i> , 2015, 23, 201-206.	2.4	19
51	Absolute bioavailability and metabolism of aceclofenac in rats. <i>Archives of Pharmacal Research</i> , 2015, 38, 68-72.	6.3	13
52	Quantitative determination of amisulpride in rat plasma by HPLC-MS/MS. <i>Archives of Pharmacal Research</i> , 2015, 38, 63-67.	6.3	12
53	Simultaneous determination of 7-O-succinyl macrolactin A and its active major metabolite, macrolactin A in dog plasma using high-performance liquid chromatography with UV detection. <i>Journal of Separation Science</i> , 2014, 37, 2833-2836.	2.5	1
54	Role of metabolism by intestinal microbiota in pharmacokinetics of oral baicalin. <i>Archives of Pharmacal Research</i> , 2014, 37, 371-378.	6.3	61

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55	ERK1/2 antagonize AMPK-dependent regulation of FcÎµRI-mediated mast cell activation and anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 714-721.e7.	2.9	25
56	Leptin induces CYP1B1 expression in MCF-7 cells through ligand-independent activation of the ERÎ± pathway. <i>Toxicology and Applied Pharmacology</i> , 2014, 277, 39-48.	2.8	15
57	Simultaneous determination of 7-O-succinyl macrolactin A and its metabolite macrolactin A in rat plasma using liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 85-89.	2.8	11
58	Protective Effects of Diallyl Sulfide against Thioacetamide-Induced Toxicity: A Possible Role of Cytochrome P450 2E1. <i>Biomolecules and Therapeutics</i> , 2014, 22, 149-154.	2.4	16
59	A Study on Current Status of Clinical Trial Pharmacy in Domestic Clinical Trial Institution. <i>Journal of the Korean Society for Clinical Pharmacology and Therapeutics</i> , 2013, 21, 71.	0.1	0
60	Protective role of intestinal bacterial metabolism against baicalin-induced toxicity in HepG2 cell cultures. <i>Journal of Toxicological Sciences</i> , 2012, 37, 363-371.	1.5	20
61	Quantitative determination of aceclofenac and its three major metabolites in rat plasma by HPLC-MS/MS. <i>Journal of Separation Science</i> , 2012, 35, 2219-2222.	2.5	5
62	Quantitative determination of uridine in rabbit plasma and urine by liquid chromatography coupled to a tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2012, 26, 541-544.	1.7	5
63	Simultaneous determination of zolazepam and tiletamine in dog plasma by liquid chromatography coupled to a tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2012, 26, 1133-1136.	1.7	3
64	Determination of daumone in mouse plasma by HPLC/MS-MS. <i>Biomedical Chromatography</i> , 2012, 26, 152-155.	1.7	4
65	Contribution of pH to systemic exposure of niflumic acid following oral administration of talniflumate. <i>European Journal of Clinical Pharmacology</i> , 2011, 67, 425-428.	1.9	1
66	Role of metabolism by intestinal bacteria in arbutin-induced toxicity in vitro. <i>Archives of Pharmacal Research</i> , 2011, 34, 687-693.	6.3	20
67	Determination of a novel low-voltage-activated calcium channel blocker (HYP-10) in rat plasma by liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 568-571.	2.8	7
68	Quantitative determination of daumone in rat plasma by liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 114-117.	2.8	11
69	Hepatotoxicity and Immunotoxicity of 1-Bromohexane and Its Glutathione Conjugation in Female BALB/c Mice. <i>Journal of Health Science</i> , 2010, 56, 434-441.	0.9	3
70	Enantioselective determination of sibutramine and its active metabolites in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 264-267.	2.8	14
71	Pharmacokinetic evaluation and modeling of formulated levodopa intranasal delivery systems. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 38, 525-532.	4.0	30
72	Determination of Talniflumate and Niflumic Acid in Human Plasma by Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Sciences</i> , 2009, 25, 571-574.	1.6	5

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73	Effect of food on systemic exposure to niflumic acid following postprandial administration of talniflumate. <i>European Journal of Clinical Pharmacology</i> , 2008, 64, 1027-1030.	1.9	12
74	Simultaneous determination of aceclofenac and its three metabolites in plasma using liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 587-591.	2.8	36
75	Simple and sensitive determination of menatetrenone and its epoxide metabolite in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 1178-1182.	2.8	11
76	Quantitative Determination of Octylonium in Human Plasma by LC-MS. <i>Chromatographia</i> , 2007, 66, 257-260.	1.3	4
77	The Effects of Food on the Bioavailability of Fenofibrate Administered Orally in Healthy Volunteers via Sustained-Release Capsule. <i>Clinical Pharmacokinetics</i> , 2006, 45, 425-432.	3.5	22
78	Simple and Sensitive Determination of Nisoldipine in Plasma Using Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Sciences</i> , 2006, 22, 1597-1599.	1.6	7
79	Analysis of benidipine enantiomers in human plasma by liquid chromatography-mass spectrometry using a macrocyclic antibiotic (Vancomycin) chiral stationary phase column. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 814, 75-81.	2.3	19
80	Kinetic analysis of saturable myocardial uptake of idarubicin in rat heart: effect of doxorubicin and hypothermia. <i>Pharmaceutical Research</i> , 2003, 20, 58-63.	3.5	8
81	Caffeine enhances myocardial uptake of idarubicin but reverses its negative inotropic effect. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 151-155.	3.0	6
82	Modeling the Metabolism of Idarubicin to Idarubicinol in Rat Heart: Effect of Rutin and Phenobarbital. <i>Drug Metabolism and Disposition</i> , 2003, 31, 462-468.	3.3	16
83	P-Glycoprotein Inhibitors Enhance Saturable Uptake of Idarubicin in Rat Heart: Pharmacokinetic/Pharmacodynamic Modeling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 300, 688-694.	2.5	32
84	Influence of P-glycoprotein modulators on cardiac uptake, metabolism, and effects of idarubicin. <i>Pharmaceutical Research</i> , 2001, 18, 1535-1541.	3.5	17