

Wonku Kang

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.

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|-------------------|-------------------------|----------------|-----------------|
| 83 papers | 846 citations | 16 h-index | 25 g-index |
| 84 ext. papers | 1,011 ext. citations | 3.9 avg, IF | 4.03 L-index |

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 83 | 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 | 0.9 | |
| 82 | Prediction of Fluoxetine and Norfluoxetine Pharmacokinetic Profiles Using Physiologically Based Pharmacokinetic Modeling. <i>Journal of Clinical Pharmacology</i> , 2021 , 61, 1505-1513 | 2.9 | |
| 81 | 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 | 7.9 | 1 |
| 80 | 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 | 3.5 | 1 |
| 79 | European Regulatory Science and Regulatory Science Expert Training Project. <i>Korean Journal of Clinical Pharmacy</i> , 2021 , 31, 171-179 | 0.2 | 1 |
| 78 | Absolute oral and subcutaneous bioavailability of ortho-topolin riboside in mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 206, 114363 | 3.5 | 0 |
| 77 | 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 | 0.2 | |
| 76 | 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, | 6.3 | 1 |
| 75 | Estimation of an Appropriate Human Dose of Extracts Based on Allometric Scaling Data of Panduratin A in Mice, Rats, and Dogs. <i>Journal of Medicinal Food</i> , 2020 , 23, 453-458 | 2.8 | 3 |
| 74 | SG-SP1 Suppresses Mast Cell-Mediated Allergic Inflammation via Inhibition of FcRI Signaling. <i>Frontiers in Immunology</i> , 2020 , 11, 50 | 8.4 | 5 |
| 73 | Anti-inflammatory role of Prunus persica L. Batsch methanol extract on lipopolysaccharide-stimulated glial cells. <i>Molecular Medicine Reports</i> , 2020 , 21, 2030-2040 | 2.9 | 0 |
| 72 | 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 | 2 |
| 71 | Ilimaquinone inhibits neovascular age-related macular degeneration through modulation of Wnt/βcatenin and p53 pathways. <i>Pharmacological Research</i> , 2020 , 161, 105146 | 10.2 | 2 |
| 70 | 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 | 3.5 | 3 |
| 69 | Pharmacokinetics of Shikimic Acid Following Intragastric and Intravenous Administrations in Rats. <i>Pharmaceutics</i> , 2020 , 12, | 6.4 | 2 |
| 68 | 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 | 3.5 | 8 |
| 67 | Cytotoxic activity of broussonchalcone against colon and liver cancer cells by promoting destruction complex-independent βcatenin degradation. <i>Food and Chemical Toxicology</i> , 2019 , 131, 110550 | 4.7 | 9 |

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| 66 | Effects of Verapamil and Diltiazem on the Pharmacokinetics and Pharmacodynamics of Rivaroxaban. <i>Pharmaceutics</i> , 2019 , 11, | 6.4 | 11 |
| 65 | Stereo-Selective Pharmacokinetics of Ilimaquinone Epimers Extracted from a Marine Sponge in Rats. <i>Marine Drugs</i> , 2019 , 17, | 6 | 4 |
| 64 | Sulfisoxazole inhibits the secretion of small extracellular vesicles by targeting the endothelin receptor A. <i>Nature Communications</i> , 2019 , 10, 1387 | 17.4 | 73 |
| 63 | T-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 | 1 |
| 62 | Effect of Korean Red Ginseng extracts on drug-drug interactions. <i>Journal of Ginseng Research</i> , 2018 , 42, 370-378 | 5.8 | 11 |
| 61 | C1q/TNF-Related Protein 1 (CTRP1) Maintains Blood Pressure Under Dehydration Conditions. <i>Circulation Research</i> , 2018 , 123, e5-e19 | 15.7 | 18 |
| 60 | A mechanism-based pharmacokinetic model of fenofibrate for explaining increased drug absorption after food consumption. <i>BMC Pharmacology & Toxicology</i> , 2018 , 19, 4 | 2.6 | 6 |
| 59 | Inhibitory Effect of Standardized Supercritical Extract on LPS-Induced Periodontitis in Rats. <i>Journal of Microbiology and Biotechnology</i> , 2018 , 28, 1614-1625 | 3.3 | 6 |
| 58 | Population Pharmacokinetics of Cyclosporine after Hematopoietic Stem Cell Transplantation in Pediatric Patients. <i>Korean Journal of Clinical Pharmacy</i> , 2018 , 28, 24-29 | 0.2 | |
| 57 | HPLC-MS/MS analysis of mesupron and its application to a pharmacokinetic study in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 150, 39-42 | 3.5 | 7 |
| 56 | Inhibitory Effects of Standardized Boesenbergia pandurata Extract and Its Active Compound Panduratin A on Lipopolysaccharide-Induced Periodontal Inflammation and Alveolar Bone Loss in Rats. <i>Journal of Medicinal Food</i> , 2018 , 21, 961-970 | 2.8 | 10 |
| 55 | Effect of terpinyl acetate on the percutaneous absorption of caffeine in rats. <i>Experimental Dermatology</i> , 2017 , 26, 439-441 | 4 | |
| 54 | Determination of panduratin A in rat plasma by HPLC-MS/MS and its application to a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 137, 151-154 | 3.5 | 2 |
| 53 | The significance of the trial outcome was associated with publication rate and time to publication. <i>Journal of Clinical Epidemiology</i> , 2017 , 84, 78-84 | 5.7 | 17 |
| 52 | DOSAGE AND DURATION OF ETANERCEPT THERAPY FOR ANKYLOSING SPONDYLITIS: A META-ANALYSIS. <i>International Journal of Technology Assessment in Health Care</i> , 2017 , 33, 69-75 | 1.8 | 5 |
| 51 | Effect of parity on bone mineral density: A systematic review and meta-analysis. <i>Bone</i> , 2017 , 101, 70-76 | 4.7 | 20 |
| 50 | Extremely low-frequency electromagnetic field exposure enhances inflammatory response and inhibits effect of antioxidant in RAW 264.7 cells. <i>Bioelectromagnetics</i> , 2017 , 38, 374-385 | 1.6 | 17 |
| 49 | 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. <i>European Journal of Radiology</i> , 2017 , 89, 81-89 | 4.7 | 2 |

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| 48 | In Vitro Anti-Inflammatory Activity of Ilex cornuta Extract Mediated by Inhibition of Extracellular Signal-Regulated Kinase Phosphorylation. <i>Journal of Medicinal Food</i> , 2017 , 20, 981-988 | 2.8 | 5 |
| 47 | 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 | 4.8 | 6 |
| 46 | 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 | 6.1 | 38 |
| 45 | 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 | 3.5 | 11 |
| 44 | 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 | 3.5 | 3 |
| 43 | 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 | 3.5 | 5 |
| 42 | Modeling of aceclofenac metabolism to major metabolites in healthy volunteers. <i>Drug Metabolism and Pharmacokinetics</i> , 2016 , 31, 458-463 | 2.2 | 1 |
| 41 | In Vitro 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 | 2.9 | 22 |
| 40 | 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 | 3.5 | 8 |
| 39 | Pharmacokinetic Interaction of Chrysin with Caffeine in Rats. <i>Biomolecules and Therapeutics</i> , 2016 , 24, 446-52 | 4.2 | 19 |
| 38 | Role of Intestinal Microbiota in Baicalin-Induced Drug Interaction and Its Pharmacokinetics. <i>Molecules</i> , 2016 , 21, 337 | 4.8 | 54 |
| 37 | 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 | 3.5 | 1 |
| 36 | Absolute bioavailability and metabolism of aceclofenac in rats. <i>Archives of Pharmacal Research</i> , 2015 , 38, 68-72 | 6.1 | 9 |
| 35 | Quantitative determination of amisulpride in rat plasma by HPLC-MS/MS. <i>Archives of Pharmacal Research</i> , 2015 , 38, 63-7 | 6.1 | 9 |
| 34 | Differences between Drug-Induced and Contrast Media-Induced Adverse Reactions Based on Spontaneously Reported Adverse Drug Reactions. <i>PLoS ONE</i> , 2015 , 10, e0142418 | 3.7 | 7 |
| 33 | Effects of baicalin on oral pharmacokinetics of caffeine in rats. <i>Biomolecules and Therapeutics</i> , 2015 , 23, 201-6 | 4.2 | 16 |
| 32 | ERK1/2 antagonize AMPK-dependent regulation of Fc ϵ R1-mediated mast cell activation and anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 714-721.e7 | 11.5 | 22 |
| 31 | Leptin induces CYP1B1 expression in MCF-7 cells through ligand-independent activation of the ER β pathway. <i>Toxicology and Applied Pharmacology</i> , 2014 , 277, 39-48 | 4.6 | 15 |

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| 30 | 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, 85-9 | 3.5 | 10 |
| 29 | 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, 2833-6 | 3.4 | 1 |
| 28 | Role of metabolism by intestinal microbiota in pharmacokinetics of oral baicalin. <i>Archives of Pharmacol Research</i> , 2014 , 37, 371-8 | 6.1 | 47 |
| 27 | Protective Effects of Diallyl Sulfide against Thioacetamide-Induced Toxicity: A Possible Role of Cytochrome P450 2E1. <i>Biomolecules and Therapeutics</i> , 2014 , 22, 149-54 | 4.2 | 13 |
| 26 | 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 | | |
| 25 | Determination of daumone in mouse plasma by HPLC/MS-MS. <i>Biomedical Chromatography</i> , 2012 , 26, 152-5 | 1.7 | 3 |
| 24 | Protective role of intestinal bacterial metabolism against baicalin-induced toxicity in HepG2 cell cultures. <i>Journal of Toxicological Sciences</i> , 2012 , 37, 363-71 | 1.9 | 12 |
| 23 | Quantitative determination of aceclofenac and its three major metabolites in rat plasma by HPLC-MS/MS. <i>Journal of Separation Science</i> , 2012 , 35, 2219-22 | 3.4 | 3 |
| 22 | Quantitative determination of uridine in rabbit plasma and urine by liquid chromatography coupled to a tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2012 , 26, 541-4 | 1.7 | 5 |
| 21 | Simultaneous determination of zolazepam and tiletamine in dog plasma by liquid chromatography coupled to a tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2012 , 26, 1133-6 | 1.7 | 3 |
| 20 | 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 | 2.8 | 1 |
| 19 | Role of metabolism by intestinal bacteria in arbutin-induced toxicity in vitro. <i>Archives of Pharmacol Research</i> , 2011 , 34, 687-93 | 6.1 | 16 |
| 18 | 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, 568-71 | 3.5 | 7 |
| 17 | Quantitative determination of daumone in rat plasma by liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 56, 114-7 | 3.5 | 11 |
| 16 | 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 | | 2 |
| 15 | Enantioselective determination of sibutramine and its active metabolites in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 51, 264-7 | 3.5 | 14 |
| 14 | Pharmacokinetic evaluation and modeling of formulated levodopa intranasal delivery systems. <i>European Journal of Pharmaceutical Sciences</i> , 2009 , 38, 525-32 | 5.1 | 27 |
| 13 | Determination of talniflumate and niflumic acid in human plasma by liquid chromatography-tandem mass spectrometry. <i>Analytical Sciences</i> , 2009 , 25, 571-4 | 1.7 | 2 |

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|----|--|-----|----|
| 12 | Effect of food on systemic exposure to niflumic acid following postprandial administration of talniflumate. <i>European Journal of Clinical Pharmacology</i> , 2008 , 64, 1027-30 | 2.8 | 11 |
| 11 | 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, 587-91 | 3.5 | 29 |
| 10 | Simple and sensitive determination of menatetrenone and its epoxide metabolite in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 44, 1178-82 | 3.5 | 10 |
| 9 | Quantitative Determination of Octylonium in Human Plasma by LCMS. <i>Chromatographia</i> , 2007 , 66, 257-260 | 3.0 | 3 |
| 8 | The effects of food on the bioavailability of fenofibrate administered orally in healthy volunteers via sustained-release capsule. <i>Clinical Pharmacokinetics</i> , 2006 , 45, 425-32 | 6.2 | 20 |
| 7 | Simple and sensitive determination of nisoldipine in plasma using liquid chromatography-tandem mass spectrometry. <i>Analytical Sciences</i> , 2006 , 22, 1597-9 | 1.7 | 5 |
| 6 | 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 | 3.2 | 15 |
| 5 | Kinetic analysis of saturable myocardial uptake of idarubicin in rat heart: effect of doxorubicin and hypothermia. <i>Pharmaceutical Research</i> , 2003 , 20, 58-63 | 4.5 | 8 |
| 4 | Caffeine enhances myocardial uptake of idarubicin but reverses its negative inotropic effect. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003 , 367, 151-5 | 3.4 | 6 |
| 3 | Modeling the metabolism of idarubicin to idarubicinol in rat heart: effect of rutin and phenobarbital. <i>Drug Metabolism and Disposition</i> , 2003 , 31, 462-8 | 4 | 16 |
| 2 | P-glycoprotein inhibitors enhance saturable uptake of idarubicin in rat heart: pharmacokinetic/pharmacodynamic modeling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002 , 300, 688-94 | 4.7 | 31 |
| 1 | Influence of P-glycoprotein modulators on cardiac uptake, metabolism, and effects of idarubicin. <i>Pharmaceutical Research</i> , 2001 , 18, 1535-41 | 4.5 | 16 |