

# Wonku Kang

## List of Publications by Citations

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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.

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	Sulfisoxazole inhibits the secretion of small extracellular vesicles by targeting the endothelin receptor A. <i>Nature Communications</i> , <b>2019</b> , 10, 1387	17.4	73
82	Role of Intestinal Microbiota in Baicalin-Induced Drug Interaction and Its Pharmacokinetics. <i>Molecules</i> , <b>2016</b> , 21, 337	4.8	54
81	Role of metabolism by intestinal microbiota in pharmacokinetics of oral baicalin. <i>Archives of Pharmacal Research</i> , <b>2014</b> , 37, 371-8	6.1	47
80	Impact of gut microbiota on drug metabolism: an update for safe and effective use of drugs. <i>Archives of Pharmacal Research</i> , <b>2017</b> , 40, 1345-1355	6.1	38
79	P-glycoprotein inhibitors enhance saturable uptake of idarubicin in rat heart: pharmacokinetic/pharmacodynamic modeling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2002</b> , 300, 688-94	4.7	31
78	Simultaneous determination of aceclofenac and its three metabolites in plasma using liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2008</b> , 46, 587-91	3.5	29
77	Pharmacokinetic evaluation and modeling of formulated levodopa intranasal delivery systems. <i>European Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 38, 525-32	5.1	27
76	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> , <b>2016</b> , 27, 758-771	2.9	22
75	ERK1/2 antagonize AMPK-dependent regulation of FcRI-mediated mast cell activation and anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 134, 714-721.e7	11.5	22
74	Effect of parity on bone mineral density: A systematic review and meta-analysis. <i>Bone</i> , <b>2017</b> , 101, 70-76	4.7	20
73	The effects of food on the bioavailability of fenofibrate administered orally in healthy volunteers via sustained-release capsule. <i>Clinical Pharmacokinetics</i> , <b>2006</b> , 45, 425-32	6.2	20
72	Pharmacokinetic Interaction of Chrysin with Caffeine in Rats. <i>Biomolecules and Therapeutics</i> , <b>2016</b> , 24, 446-52	4.2	19
71	C1q/TNF-Related Protein 1 (CTRP1) Maintains Blood Pressure Under Dehydration Conditions. <i>Circulation Research</i> , <b>2018</b> , 123, e5-e19	15.7	18
70	The significance of the trial outcome was associated with publication rate and time to publication. <i>Journal of Clinical Epidemiology</i> , <b>2017</b> , 84, 78-84	5.7	17
69	Extremely low-frequency electromagnetic field exposure enhances inflammatory response and inhibits effect of antioxidant in RAW 264.7 cells. <i>Bioelectromagnetics</i> , <b>2017</b> , 38, 374-385	1.6	17
68	Effects of baicalin on oral pharmacokinetics of caffeine in rats. <i>Biomolecules and Therapeutics</i> , <b>2015</b> , 23, 201-6	4.2	16
67	Role of metabolism by intestinal bacteria in arbutin-induced toxicity in vitro. <i>Archives of Pharmacal Research</i> , <b>2011</b> , 34, 687-93	6.1	16

66	Modeling the metabolism of idarubicin to idarubicinol in rat heart: effect of rutin and phenobarbital. <i>Drug Metabolism and Disposition</i> , <b>2003</b> , 31, 462-8	4	16
65	Influence of P-glycoprotein modulators on cardiac uptake, metabolism, and effects of idarubicin. <i>Pharmaceutical Research</i> , <b>2001</b> , 18, 1535-41	4.5	16
64	Leptin induces CYP1B1 expression in MCF-7 cells through ligand-independent activation of the ER $\beta$ pathway. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 277, 39-48	4.6	15
63	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> , <b>2005</b> , 814, 75-81	3.2	15
62	Enantioselective determination of sibutramine and its active metabolites in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 51, 264-7	3.5	14
61	Protective Effects of Diallyl Sulfide against Thioacetamide-Induced Toxicity: A Possible Role of Cytochrome P450 2E1. <i>Biomolecules and Therapeutics</i> , <b>2014</b> , 22, 149-54	4.2	13
60	Protective role of intestinal bacterial metabolism against baicalin-induced toxicity in HepG2 cell cultures. <i>Journal of Toxicological Sciences</i> , <b>2012</b> , 37, 363-71	1.9	12
59	Effects of Verapamil and Diltiazem on the Pharmacokinetics and Pharmacodynamics of Rivaroxaban. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	11
58	Effect of Korean Red Ginseng extracts on drug-drug interactions. <i>Journal of Ginseng Research</i> , <b>2018</b> , 42, 370-378	5.8	11
57	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> , <b>2017</b> , 132, 56-59	3.5	11
56	Quantitative determination of daumone in rat plasma by liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2011</b> , 56, 114-7	3.5	11
55	Effect of food on systemic exposure to niflumic acid following postprandial administration of talniflumate. <i>European Journal of Clinical Pharmacology</i> , <b>2008</b> , 64, 1027-30	2.8	11
54	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> , <b>2014</b> , 98, 85-9	3.5	10
53	Simple and sensitive determination of menatetrenone and its epoxide metabolite in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2007</b> , 44, 1178-82	3.5	10
52	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> , <b>2018</b> , 21, 961-970	2.8	10
51	Cytotoxic activity of broussonchalcone a against colon and liver cancer cells by promoting destruction complex-independent Eatenin degradation. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 131, 110550	4.7	9
50	Absolute bioavailability and metabolism of aceclofenac in rats. <i>Archives of Pharmacal Research</i> , <b>2015</b> , 38, 68-72	6.1	9
49	Quantitative determination of amisulpride in rat plasma by HPLC-MS/MS. <i>Archives of Pharmacal Research</i> , <b>2015</b> , 38, 63-7	6.1	9

48	HPLC-MS/MS analysis of ilimaquinone and its application in a pharmacokinetic study in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 166, 291-294	3.5	8
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> , <b>2016</b> , 118, 96-100	3.5	8
46	Kinetic analysis of saturable myocardial uptake of idarubicin in rat heart: effect of doxorubicin and hypothermia. <i>Pharmaceutical Research</i> , <b>2003</b> , 20, 58-63	4.5	8
45	Differences between Drug-Induced and Contrast Media-Induced Adverse Reactions Based on Spontaneously Reported Adverse Drug Reactions. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142418	3.7	7
44	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> , <b>2011</b> , 54, 568-71	3.5	7
43	HPLC-MS/MS analysis of mesupron and its application to a pharmacokinetic study in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 150, 39-42	3.5	7
42	A mechanism-based pharmacokinetic model of fenofibrate for explaining increased drug absorption after food consumption. <i>BMC Pharmacology &amp; Toxicology</i> , <b>2018</b> , 19, 4	2.6	6
41	Characterization and pharmacokinetic study of itraconazole solid dispersions prepared by solvent-controlled precipitation and spray-dry methods. <i>Journal of Pharmacy and Pharmacology</i> , <b>2017</b> , 69, 1707-1715	4.8	6
40	Caffeine enhances myocardial uptake of idarubicin but reverses its negative inotropic effect. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2003</b> , 367, 151-5	3.4	6
39	Inhibitory Effect of Standardized Supercritical Extract on LPS-Induced Periodontitis in Rats. <i>Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 28, 1614-1625	3.3	6
38	DOSAGE AND DURATION OF ETANERCEPT THERAPY FOR ANKYLOSING SPONDYLITIS: A META-ANALYSIS. <i>International Journal of Technology Assessment in Health Care</i> , <b>2017</b> , 33, 69-75	1.8	5
37	SG-SP1 Suppresses Mast Cell-Mediated Allergic Inflammation via Inhibition of FcRI Signaling. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 50	8.4	5
36	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> , <b>2016</b> , 129, 332-338	3.5	5
35	In Vitro Anti-Inflammatory Activity of Ilex cornuta Extract Mediated by Inhibition of Extracellular Signal-Regulated Kinase Phosphorylation. <i>Journal of Medicinal Food</i> , <b>2017</b> , 20, 981-988	2.8	5
34	Quantitative determination of uridine in rabbit plasma and urine by liquid chromatography coupled to a tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2012</b> , 26, 541-4	1.7	5
33	Simple and sensitive determination of nisoldipine in plasma using liquid chromatography-tandem mass spectrometry. <i>Analytical Sciences</i> , <b>2006</b> , 22, 1597-9	1.7	5
32	Stereo-Selective Pharmacokinetics of Ilimaquinone Epimers Extracted from a Marine Sponge in Rats. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	4
31	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> , <b>2020</b> , 23, 453-458	2.8	3

30	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> , <b>2016</b> , 131, 103-106	3.5	3
29	Determination of daumone in mouse plasma by HPLC/MS-MS. <i>Biomedical Chromatography</i> , <b>2012</b> , 26, 152-5	1.7	3
28	Quantitative determination of aceclofenac and its three major metabolites in rat plasma by HPLC-MS/MS. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 2219-22	3.4	3
27	Simultaneous determination of zolazepam and tiletamine in dog plasma by liquid chromatography coupled to a tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2012</b> , 26, 1133-6	1.7	3
26	Quantitative Determination of Octylonium in Human Plasma by LC-MS. <i>Chromatographia</i> , <b>2007</b> , 66, 257-260	2.6	3
25	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> , <b>2020</b> , 189, 113458	3.5	3
24	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> , <b>2017</b> , 137, 151-154	3.5	2
23	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> , <b>2017</b> , 89, 81-89	4.7	2
22	Determination of talniflumate and niflumic acid in human plasma by liquid chromatography-tandem mass spectrometry. <i>Analytical Sciences</i> , <b>2009</b> , 25, 571-4	1.7	2
21	Hepatotoxicity and Immunotoxicity of 1-Bromohexane and Its Glutathione Conjugation in Female BALB/c Mice. <i>Journal of Health Science</i> , <b>2010</b> , 56, 434-441		2
20	Quantitative determination of bilobetin in rat plasma by HPLC-MS/MS and its application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , <b>2020</b> , 34, e4784	1.7	2
19	Ilimaquinone inhibits neovascular age-related macular degeneration through modulation of Wnt/βcatenin and p53 pathways. <i>Pharmacological Research</i> , <b>2020</b> , 161, 105146	10.2	2
18	Pharmacokinetics of Shikimic Acid Following Intragastric and Intravenous Administrations in Rats. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	2
17	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> , <b>2020</b> , 21,	6.3	1
16	Modeling of aceclofenac metabolism to major metabolites in healthy volunteers. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2016</b> , 31, 458-463	2.2	1
15	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> , <b>2019</b> , 40, 588-601	1.6	1
14	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> , <b>2014</b> , 37, 2833-6	3.4	1
13	Contribution of pH to systemic exposure of niflumic acid following oral administration of talniflumate. <i>European Journal of Clinical Pharmacology</i> , <b>2011</b> , 67, 425-428	2.8	1

12	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> , <b>2016</b> , 129, 117-120	3.5	1
11	Protein microbeadification to achieve highly concentrated protein formulation with reversible properties and in vivo pharmacokinetics after reconstitution. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 185, 935-948	7.9	1
10	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> , <b>2021</b> , 202, 114151	3.5	1
9	European Regulatory Science and Regulatory Science Expert Training Project. <i>Korean Journal of Clinical Pharmacy</i> , <b>2021</b> , 31, 171-179	0.2	1
8	Anti-inflammatory role of Prunus persica L. Batsch methanol extract on lipopolysaccharide-stimulated glial cells. <i>Molecular Medicine Reports</i> , <b>2020</b> , 21, 2030-2040	2.9	0
7	Absolute oral and subcutaneous bioavailability of ortho-topolin riboside in mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 206, 114363	3.5	0
6	Effect of terpinyl acetate on the percutaneous absorption of caffeine in rats. <i>Experimental Dermatology</i> , <b>2017</b> , 26, 439-441	4	
5	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> , <b>2022</b> , 36, e22127	0.9	
4	Population Pharmacokinetics of Cyclosporine after Hematopoietic Stem Cell Transplantation in Pediatric Patients. <i>Korean Journal of Clinical Pharmacy</i> , <b>2018</b> , 28, 24-29	0.2	
3	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> , <b>2013</b> , 21, 71		
2	Prediction of Fluoxetine and Norfluoxetine Pharmacokinetic Profiles Using Physiologically Based Pharmacokinetic Modeling. <i>Journal of Clinical Pharmacology</i> , <b>2021</b> , 61, 1505-1513	2.9	
1	Analysis of Trends in Regulatory Science and Regulatory Science Experts Training Projects: US, Japan, Singapore, and Korea. <i>Korean Journal of Clinical Pharmacy</i> , <b>2021</b> , 31, 257-267	0.2	