

Dong-Hyun Kim

List of Publications by Year in descending order

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131
papers

4,609
citations

126858

33
h-index

114418

63
g-index

131
all docs

131
docs citations

131
times ranked

4842
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of human cytochrome P-450 IIE1 in the oxidation of many low molecular weight cancer suspects. <i>Chemical Research in Toxicology</i> , 1991, 4, 168-179.	1.7	1,170
2	In vitro inhibition of dihydropyridine oxidation and aflatoxin B1 activation in human liver microsomes by naringenin and other flavonoids. <i>Carcinogenesis</i> , 1990, 11, 2275-2279.	1.3	236
3	Activation of PI3K/Akt pathway by PTEN reduction and PIK3CA mRNA amplification contributes to cisplatin resistance in an ovarian cancer cell line. <i>Gynecologic Oncology</i> , 2005, 97, 26-34.	0.6	214
4	Enzymic oxidation of ethyl carbamate to vinyl carbamate and its role as an intermediate in the formation of 1,N6-ethenoadenosine. <i>Chemical Research in Toxicology</i> , 1991, 4, 413-421.	1.7	159
5	Resveratrol inhibits TCDD-induced expression of CYP1A1 and CYP1B1 and catechol estrogen-mediated oxidative DNA damage in cultured human mammary epithelial cells. <i>Carcinogenesis</i> , 2004, 25, 2005-2013.	1.3	148
6	Characterization of diverse natural variants of CYP102A1 found within a species of <i>Bacillus megaterium</i> . <i>AMB Express</i> , 2011, 1, 1.	1.4	107
7	Simple and accurate quantitative analysis of 20 anti-tuberculosis drugs in human plasma using liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 102, 9-16.	1.4	85
8	Structure-Related Inhibition of Human Hepatic Caffeine N3-Demethylation by Naturally Occurring Flavonoids. <i>Biochemical Pharmacology</i> , 1998, 55, 1369-1375.	2.0	77
9	LC-MS/MS for the simultaneous analysis of arachidonic acid and 32 related metabolites in human plasma: Basal plasma concentrations and aspirin-induced changes of eicosanoids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 911, 113-121.	1.2	77
10	Simple and accurate quantitative analysis of ten antiepileptic drugs in human plasma by liquid chromatography/tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 771-777.	1.4	70
11	Comparison of the DNA-alkylating properties and mutagenic responses of a series of S-(2-haloethyl)-substituted cysteine and glutathione derivatives. <i>Biochemistry</i> , 1990, 29, 10342-10350.	1.2	68
12	Estrogenic/antiestrogenic activities of a <i>Epimedium koreanum</i> extract and its major components: in vitro and in vivo studies. <i>Food and Chemical Toxicology</i> , 2012, 50, 2751-2759.	1.8	66
13	Liquid chromatography-tandem mass spectrometric determination of ceramides and related lipid species in cellular extracts. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 843, 327-333.	1.2	63
14	Formation of the DNA adduct S-[2-(N7-guanyl)ethyl]glutathione from ethylene dibromide: effects of modulation of glutathione and glutathione S-transferase levels and lack of a role for sulfation. <i>Carcinogenesis</i> , 1990, 11, 419-424.	1.3	60
15	Plasma metabolites as possible biomarkers for diagnosis of breast cancer. <i>PLoS ONE</i> , 2019, 14, e0225129.	1.1	58
16	Characterization of S-[2-(N1-adenyl)ethyl]glutathione as an adduct formed in RNA and DNA from 1,2-dibromoethane. <i>Chemical Research in Toxicology</i> , 1990, 3, 587-594.	1.7	51
17	Effects of Schisandra Lignans on P-Glycoprotein-Mediated Drug Efflux in Human Intestinal Caco-2 Cells. <i>Planta Medica</i> , 2007, 73, 444-450.	0.7	51
18	Effects of Diosmin, a Flavonoid Glycoside in Citrus Fruits, on P-Glycoprotein-Mediated Drug Efflux in Human Intestinal Caco-2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7620-7625.	2.4	50

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19	Mechanism of covalent adduct formation of aucubin to proteins. <i>Toxicology Letters</i> , 2000, 114, 181-188.	0.4	48
20	Development of gas chromatographic/mass spectrometry-pattern recognition method for the quality control of Korean Angelica. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 1163-1167.	1.4	44
21	Surface Display of Heme- and Diflavin-Containing Cytochrome P450 BM3 in <i>Escherichia coli</i> : A Whole-Cell Biocatalyst for Oxidation. <i>Journal of Microbiology and Biotechnology</i> , 2010, 20, 712-717.	0.9	43
22	EFFECTS OF FLAVONOIDS ISOLATED FROM SCUTELLARIAE RADIX ON CYTOCHROME P-450 ACTIVITIES IN HUMAN LIVER MICROSOMES. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002, 65, 373-381.	1.1	42
23	Isolation and characterization of N7-guanyl adducts derived from 1,2-dibromo-3-chloropropane. <i>Chemical Research in Toxicology</i> , 1991, 4, 445-453.	1.7	41
24	The coffee diterpene kahweol inhibits tumor necrosis factor- α -induced expression of cell adhesion molecules in human endothelial cells. <i>Toxicology and Applied Pharmacology</i> , 2006, 217, 332-341.	1.3	40
25	Validation and application of a screening method for β -agonists, anti-estrogenic substances and mesocarb in human urine using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 252-264.	0.7	40
26	Simultaneous quantitation of five flavonoid glycosides in herba <i>Epimedii</i> by high-performance liquid chromatography-tandem mass spectrometry. <i>Phytochemical Analysis</i> , 2008, 19, 71-77.	1.2	39
27	High-sensitivity liquid chromatography-tandem mass spectrometry for the simultaneous determination of five drugs and their cytochrome P450-specific probe metabolites in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 895-896, 56-64.	1.2	39
28	In Vitro Assay of Six UDP-Glucuronosyltransferase Isoforms in Human Liver Microsomes, Using Cocktails of Probe Substrates and Liquid Chromatography-Tandem Mass Spectrometry. <i>Drug Metabolism and Disposition</i> , 2014, 42, 1803-1810.	1.7	39
29	Metabolism and excretion 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 rats. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1139-1149.	1.4	38
30	Simultaneous quantitation of enalapril and enalaprilat in human plasma by 96-well solid-phase extraction and liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1157-1162.	0.7	37
31	Characterization of in vitro metabolites of rutaecarpine in rat liver microsomes using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1073-1080.	0.7	37
32	A high nuclear basal level of ERK2 phosphorylation contributes to the resistance of cisplatin-resistant human ovarian cancer cells. <i>Gynecologic Oncology</i> , 2007, 104, 338-344.	0.6	35
33	Identification of cytochrome P450s involved in the metabolism of arachidonic acid in human platelets. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013, 89, 227-234.	1.0	35
34	Chimeric cytochromes P450 engineered by domain swapping and random mutagenesis for producing human metabolites of drugs. <i>Biotechnology and Bioengineering</i> , 2014, 111, 1313-1322.	1.7	34
35	Low convulsive activity of a new carbapenem antibiotic, DK-35C, as compared with existing congeners. <i>Toxicology</i> , 1999, 138, 59-67.	2.0	32
36	Quantitative Structure-Activity Relationships (QSAR) Study of Flavonoid Derivatives for Inhibition of Cytochrome P450 1A2. <i>QSAR and Combinatorial Science</i> , 2000, 19, 257-263.	1.4	28

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37	Novel oral transforming growth factor- β signaling inhibitor EW197 eradicates CML-initiating cells. <i>Cancer Science</i> , 2016, 107, 140-148.	1.7	28
38	Ilaprazole, a new proton pump inhibitor, is primarily metabolized to ilaprazole sulfone by CYP3A4 and 3A5. <i>Xenobiotica</i> , 2012, 42, 278-284.	0.5	27
39	Glucuronidation of fimasartan, a new angiotensin receptor antagonist, is mainly mediated by UGT1A3. <i>Xenobiotica</i> , 2015, 45, 10-18.	0.5	26
40	Kinetic deuterium isotope effects for 7-alkoxycoumarin O-dealkylation reactions catalyzed by human cytochromes P450 and in liver microsomes. Rate-limiting C-H bond breaking in cytochrome P450 1A2 substrate oxidation. <i>FEBS Journal</i> , 2006, 273, 2223-2231.	2.2	25
41	Mechanism-Based Inactivation of Cytochrome P450 2A6 by Decursinol Angelate Isolated from <i>Angelica Gigas</i> . <i>Drug Metabolism and Disposition</i> , 2007, 35, 1759-1765.	1.7	23
42	Determination of mirodenafil and sildenafil in the plasma and corpus cavernosus of SD male rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 513-518.	1.4	21
43	A simple isocratic HPLC method for the simultaneous determination of bioactive components of <i>Scutellariae Radix</i> extract. <i>Natural Product Research</i> , 2012, 26, 1957-1962.	1.0	21
44	Determination of major UDP-glucuronosyltransferase enzymes and their genotypes responsible for 20-HETE glucuronidation. <i>Journal of Lipid Research</i> , 2014, 55, 2334-2342.	2.0	21
45	The pharmacokinetic and pharmacodynamic interaction of clopidogrel and cilostazol in relation to CYP2C19 and CYP3A5 genotypes. <i>British Journal of Clinical Pharmacology</i> , 2016, 81, 301-312.	1.1	21
46	Characterization of 22 Antituberculosis Drugs for Inhibitory Interaction Potential on Organic Anionic Transporter Polypeptide (OATP)-Mediated Uptake. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3096-3105.	1.4	21
47	Low-energy collision-induced dissociation of sildenafil thiono analogues: gas-phase intramolecular nucleophilic substitution through ion-neutral complexes between a cationic substrate and a thione-containing neutral nucleophile. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1767-1770.	0.7	20
48	Identification of novel CYP4F2 genetic variants exhibiting decreased catalytic activity in the conversion of arachidonic acid to 20-hydroxyeicosatetraenoic acid (20-HETE). <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 131, 6-13.	1.0	20
49	In vitro and in vivo metabolism of pyronaridine characterized by low-energy collision-induced dissociation mass spectrometry with electrospray ionization. <i>Journal of Mass Spectrometry</i> , 2004, 39, 1036-1043.	0.7	19
50	Identification of a Tryptanthrin Metabolite in Rat Liver Microsomes by Liquid Chromatography/Electrospray Ionization-Tandem Mass Spectrometry. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1991-1995.	0.6	19
51	Pharmacokinetics and tissue distribution of a novel PDE5 inhibitor, SK-3530, in rats. <i>Acta Pharmacologica Sinica</i> , 2007, 28, 1247-1253.	2.8	19
52	Low Serum Concentrations of Moxifloxacin, Prothionamide, and Cycloserine on Sputum Conversion in Multi-Drug Resistant TB. <i>Yonsei Medical Journal</i> , 2015, 56, 961.	0.9	19
53	Association of Shc, Cbl, Grb2, and Sos Following Treatment with 2,3,7,8-Tetrachlorodibenzo-p-dioxin in Primary Rat Hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 1998, 253, 577-581.	1.0	18
54	Selective inhibitory effects of mollugin on CYP1A2 in human liver microsomes. <i>Food and Chemical Toxicology</i> , 2013, 51, 33-37.	1.8	18

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55	Determination of tizanidine in human plasma by gas chromatography-mass spectrometry. <i>Analyst</i> , The, 2002, 127, 917-920.	1.7	17
56	LC-MS/MS method for determination of hederacolchiside E, a neuroactive saponin from <i>Pulsatilla koreana</i> extract in rat plasma for pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1425-1429.	1.4	17
57	Comparative metabolism of sildenafil in liver microsomes of different species by using LC/MS-based multivariate analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3005-3011.	1.2	17
58	The effect of <i>Ginkgo biloba</i> extracts on the pharmacokinetics and pharmacodynamics of cilostazol and its active metabolites in healthy Korean subjects. <i>British Journal of Clinical Pharmacology</i> , 2014, 77, 821-830.	1.1	17
59	Tandem Mass Spectrometry Molecular Networking as a Powerful and Efficient Tool for Drug Metabolism Studies. <i>Analytical Chemistry</i> , 2022, 94, 1456-1464.	3.2	17
60	Immunosuppressive Effects of 2-Acetylaminofluorene and 2-Aminofluorene on Murine Splenocytes Culture. <i>Drug and Chemical Toxicology</i> , 1989, 12, 297-311.	1.2	16
61	A simple and efficient in vitro method for metabolism studies of radiotracers. <i>Nuclear Medicine and Biology</i> , 2001, 28, 391-395.	0.3	16
62	Metabolism of 1-[3-[3-(4-cyanobenzyl)-3H-imidazol-4-yl]-propyl]-3-(6-methoxypyridin-3-yl)-1-(2-trifluoromethylbenzyl)thiourea (YH3945), a novel anti-cancer drug, in rats using the ¹⁴ C-labeled compound. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1901-1910.	0.7	16
63	Liquid Chromatography-Mass Spectrometric Analysis of Urinary Metabolites and Their Pattern Recognition for the Prediction of Drug-Induced Hepatotoxicity. <i>Chemical Research in Toxicology</i> , 2005, 18, 1887-1896.	1.7	16
64	Simple and accurate quantitative analysis of seven prohibited threshold substances in human urine by liquid chromatography/tandem mass spectrometry in doping control. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2261-2267.	0.7	16
65	4-Hydroxynonenal: A Superior Oxidative Biomarker Compared to Malondialdehyde and Carbonyl Content Induced by Carbon Tetrachloride in Rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 1051-1062.	1.1	16
66	Increased serum bile acid concentration following low-dose chronic administration of thioacetamide in rats, as evidenced by metabolomic analysis. <i>Toxicology and Applied Pharmacology</i> , 2015, 288, 213-222.	1.3	16
67	Absolute bioavailability and pharmacokinetics of the angiotensin II receptor antagonist fimasartan in healthy subjects. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 576-580.	1.0	16
68	Inhibition of Cytochrome P450 Activities by <i>Sophora flavescens</i> Extract and Its Prenylated Flavonoids in Human Liver Microsomes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.	0.5	16
69	LC-ESI/MS/MS method for rapid screening and confirmation of 44 exogenous anabolic steroids in human urine. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1353-1363.	1.9	15
70	Multiple Cytochrome P450 Isoforms Are Involved in the Generation of a Pharmacologically Active Thiol Metabolite, whereas Paraoxonase 1 and Carboxylesterase 1 Catalyze the Formation of a Thiol Metabolite Isomer from Ticlopidine. <i>Drug Metabolism and Disposition</i> , 2014, 42, 141-152.	1.7	15
71	Simultaneous Determination of Baicalein, Baicalin, Wogonin, and Wogonoside in Rat Plasma by LC-MS/MS for Studying the Pharmacokinetics of the Standardized Extract of <i>Scutellariae Radix</i> . <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 177-182.	1.0	15
72	Characterization of amiodarone metabolites and impurities using liquid chromatography/atmospheric pressure chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 2046-2054.	0.7	14

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73	Characterization of human liver cytochrome P450 enzymes involved in the metabolism of rutaecarpine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 304-309.	1.4	14
74	High-Performance Liquid Chromatography-Based Multivariate Analysis to Predict the Estrogenic Activity of an <i>Epimedium koreanum</i> Extract. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 923-927.	0.6	14
75	Quantitative determination of medroxyprogesterone acetate in plasma by liquid chromatography/electrospray ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2041-2045.	0.7	13
76	Activation of de Novo Synthetic Pathway of Ceramides is Responsible for the Initiation of Hydrogen Peroxide-induced Apoptosis in HI-60 Cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007, 70, 1310-1318.	1.1	13
77	Enzymatic C-Demethylation of 1-[2-(5-tert-Butyl-[1,3,4]) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (oxadiazole) (LC15-0133) in Rat Liver Microsomes. <i>Drug Metabolism and Disposition</i> , 2008, 36, 485-489.	1.7	13
78	A Validated LC Method for Simultaneous Determination of Phenolic, Coumarin and Phthalide Compounds in the Ethanolic Extract of <i>Angelica tenuissima</i> . <i>Chromatographia</i> , 2009, 70, 1079-1085.	0.7	13
79	Regioselective C-H hydroxylation of omeprazole sulfide by <i>Bacillus megaterium</i> CYP102A1 to produce a human metabolite. <i>Biotechnology Letters</i> , 2017, 39, 105-112.	1.1	13
80	Improved detectability in pharmacokinetic study of tibolone by gas chromatography-high resolution mass spectrometry with selected ion monitoring. <i>Talanta</i> , 2006, 70, 37-42.	2.9	12
81	Mechanism-Based Inactivation of Cytochrome P450 3A4 by Methyleneedioxyphenyl Lignans from <i>Acanthopanax chiisanensis</i> . <i>Planta Medica</i> , 2008, 74, 822-827.	0.7	12
82	Glucuronidation of a Sarpogrelate Active Metabolite Is Mediated by UDP-Glucuronosyltransferases 1A4, 1A9, and 2B4. <i>Drug Metabolism and Disposition</i> , 2013, 41, 1529-1537.	1.7	12
83	Characterization of urinary metabolites as biomarkers of colistin-induced nephrotoxicity in rats by a liquid chromatography/mass spectrometry-based metabolomics approach. <i>Toxicology Letters</i> , 2016, 248, 52-60.	0.4	12
84	Functional characterization of a common CYP4F11 genetic variant and identification of functionally defective CYP4F11 variants in erythromycin metabolism and 20-HETE synthesis. <i>Archives of Biochemistry and Biophysics</i> , 2017, 620, 43-51.	1.4	12
85	Characterization of <i>in vitro</i> metabolites of deoxypodophyllotoxin in human and rat liver microsomes using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 52-58.	0.7	11
86	The identification of <i>in vitro</i> metabolites of CKD-732 by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 2048-2053.	0.7	10
87	The Tyrosine Kinase Inhibitor Nilotinib Selectively Inhibits CYP2C8 Activities in Human Liver Microsomes. <i>Drug Metabolism and Pharmacokinetics</i> , 2013, 28, 462-467.	1.1	10
88	Influence of Glutathione on the Catalytic Activity of Reconstituted Cytochrome P450 3A4. <i>Biochemical and Biophysical Research Communications</i> , 1998, 242, 209-212.	1.0	9
89	Column-switching high-performance liquid chromatographic assay for determination of asiaticoside in rat plasma and bile with ultraviolet absorbance detection. <i>Biomedical Applications</i> , 1999, 732, 357-363.	1.7	9
90	Rapid Quantitative Determination of L-FMAU-TP from Human Peripheral-Blood Mononuclear Cells of Hepatitis B Virus-Infected Patients Treated with L-FMAU by Ion-Pairing, Reverse-Phase, Liquid Chromatography/Electrospray Tandem Mass Spectrometry. <i>Therapeutic Drug Monitoring</i> , 2006, 28, 131-137.	1.0	9

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91	The effect of CYP2C19 genotype on the time course of platelet aggregation inhibition after clopidogrel administration. <i>Journal of Clinical Pharmacology</i> , 2014, 54, 850-857.	1.0	9
92	Potential urinary biomarkers of nephrotoxicity in cyclophosphamide-treated rats investigated by NMR-based metabolic profiling. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, N/A.	1.4	9
93	Metabolomics-guided global pathway analysis reveals better insights into the metabolic alterations of breast cancer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 202, 114134.	1.4	9
94	Rapid analysis of metabolic stability of dopamine receptor antagonists and detection of their metabolites by liquid chromatography/tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2003, 313, 292-300.	1.1	8
95	The metabolism and excretion of 2-methylaminoethoxycarbonyl-4,4-dimethoxy-5,6,5,6-dimethylenedioxybiphenyl-2-carboxylic acid (DDGS) in rats and human. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1981-1988.		8
96	Inhibitory Effects of Deoxypodophyllotoxin from <i>Anthriscus sylvestris</i> on Human CYP2C9 and CYP3A4. <i>Planta Medica</i> , 2010, 76, 701-704.	0.7	8
97	Development of a Chatbot Program for Follow-Up Management of Workers' General Health Examinations in Korea: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2170.	1.2	8
98	Molecular perturbations in pulmonary tuberculosis patients identified by pathway-level analysis of plasma metabolic features. <i>PLoS ONE</i> , 2022, 17, e0262545.	1.1	8
99	Simultaneous quantitation of loganin and sweroside in plasma using column-switching high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2004, 503, 257-262.	2.6	7
100	Enantioselective carbonyl reduction of eperisone in human liver microsomes. <i>Xenobiotica</i> , 2011, 41, 758-763.	0.5	7
101	Absorption, distribution, metabolism and excretion of gemigliptin, a novel dipeptidyl peptidase IV inhibitor, in rats. <i>Xenobiotica</i> , 2014, 44, 627-634.	0.5	7
102	Characterization of fimasartan metabolites in human liver microsomes and human plasma. <i>Xenobiotica</i> , 2016, 46, 40-51.	0.5	7
103	Identification and characterization of amiodarone metabolites in rats using UPLC-ESI-QTOFMS-based untargeted metabolomics approach. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 481-492.	1.1	7
104	PreMetabo: An in silico phase I and II drug metabolism prediction platform. <i>Drug Metabolism and Pharmacokinetics</i> , 2020, 35, 361-367.	1.1	7
105	Determination of aloesin in rat plasma using a column-switching high-performance liquid chromatographic assay. <i>Biomedical Applications</i> , 2001, 754, 121-126.	1.7	6
106	Rapid quantitative analysis of oxiracetam in human plasma by liquid chromatography/electrospray tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 183-187.	1.4	6
107	Rapid quantitative analysis of oxiracetam in human plasma by liquid chromatography/electrospray tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 657-661.	1.4	6
108	Stereoselectivity in the cytochrome P450-dependent N-demethylation and flavin monooxygenase-dependent N-oxidation of N,N-dimethylamphetamine. <i>Archives of Pharmacal Research</i> , 2013, 36, 1385-1391.	2.7	6

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109	Different Effects of Clopidogrel and Clarithromycin on the Enantioselective Pharmacokinetics of Sibutramine and its Active Metabolites in Healthy Subjects. <i>Journal of Clinical Pharmacology</i> , 2013, 53, 550-558.	1.0	6
110	Effect of HNF4 α genetic polymorphism G60D on the pharmacokinetics of CYP2D6 substrate tolterodine in healthy Korean individuals. <i>Pharmacogenetics and Genomics</i> , 2013, 23, 175-179.	0.7	6
111	Regioselective hydroxylation pathway of tenatoprazole to produce human metabolites by <i>Bacillus megaterium</i> CYP102A1. <i>Process Biochemistry</i> , 2019, 87, 95-104.	1.8	6
112	Aryl hydrocarbon receptor α -targeted therapy for CD4+ T cell α -mediated idiopathic pneumonia syndrome in mice. <i>Blood</i> , 2022, 139, 3325-3339.	0.6	6
113	Effects of Ethyl Carbamate and its Metabolites on the Antibody Response in Splenocyte Cults from Female Balb/C Mice. <i>Immunopharmacology and Immunotoxicology</i> , 1996, 18, 91-103.	1.1	5
114	Mass spectrometric analysis of cyclofenil and its metabolites in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 761-767.	0.7	5
115	Analytic evaluation of the β -human chorionic gonadotropin assay on the Abbott IMx and Elecsys2010 for its use in doping control. <i>Clinical Biochemistry</i> , 2007, 40, 1259-1265.	0.8	5
116	Simultaneous qualitative and quantitative method using liquid chromatography selected reaction monitoring-triggered quantitation-enhanced data-dependent tandem mass spectrometry for the identification and classification of amphetamine-type stimulant abuse. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3139-3145.	0.7	5
117	Increased hepatic acylcarnitines after oral administration of amiodarone in rats. <i>Journal of Applied Toxicology</i> , 2020, 40, 1004-1013.	1.4	5
118	15-Hydroxyprostaglandin dehydrogenase inhibitor prevents contrast-induced acute kidney injury. <i>Renal Failure</i> , 2021, 43, 168-179.	0.8	5
119	The effect of voglibose on the pharmacokinetics of metformin in healthy Korean subjects. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2014, 52, 1005-1011.	0.3	5
120	Determination of S- and R-Amlodipine in Rat Plasma using LC-MS/MS After Oral Administration of S-Amlodipine and Racemic Amlodipine. <i>Mass Spectrometry Letters</i> , 2011, 2, 88-91.	0.5	5
121	Delineation of the molecular mechanisms underlying Colistin-mediated toxicity using metabolomic and transcriptomic analyses. <i>Toxicology and Applied Pharmacology</i> , 2022, 439, 115928.	1.3	5
122	Enantioselective N-Demethylation and Hydroxylation of Sibutramine in Human Liver Microsomes and Recombinant Cytochrome P-450 Isoforms. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 1419-1430.	1.1	4
123	Inhibition of 20-hydroxyeicosatetraenoic acid (20-HETE) glucuronidation by non-steroidal anti-inflammatory drugs in human liver microsomes and recombinant UDP-glucuronosyltransferase enzymes. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020, 153, 102055.	1.0	4
124	Simultaneous determination of eight arginine-related metabolites in cellular extracts using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1137, 121936.	1.2	3
125	Is Free Breathing Possible During Computed Tomography α -Guided Percutaneous Transthoracic Lung Biopsy? The Clinical Experience in 585 Cases. <i>Journal of Computer Assisted Tomography</i> , 2022, 46, 294-299.	0.5	3
126	Characterization of <i>in vitro</i> metabolites of luotonin A in human liver microsomes using electrospray/tandem mass spectrometry. <i>Xenobiotica</i> , 2013, 43, 527-533.	0.5	2

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127	Negligible Effect of Ginkgo Biloba Extract on the Pharmacokinetics of Cilostazol. <i>Biomolecules and Therapeutics</i> , 2009, 17, 311-317.	1.1	2
128	Ultra-fast Generic LC-MS/MS Method for High-Throughput Quantification in Drug Discovery. <i>Mass Spectrometry Letters</i> , 2013, 4, 47-50.	0.5	2
129	Genome-wide gene expression analysis reveals molecular insights into the drug-induced toxicity of nephrotoxic agents. <i>Life Sciences</i> , 2022, 306, 120801.	2.0	1
130	Detox agents do not affect the pharmacokinetics of methamphetamine in the rat. <i>Forensic Science International</i> , 2009, 186, e21-e24.	1.3	0
131	Blunt Abdominal Trauma in Children. <i>Journal of the Korean Association of Pediatric Surgeons</i> , 2007, 13, 119.	0.1	0