

Dong-Hyun Kim

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130
papers

3,960
citations

30
h-index

59
g-index

131
ext. papers

4,250
ext. citations

3.3
avg, IF

4.97
L-index

#	Paper	IF	Citations
130	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, 168-79	4	1082
129	In vitro inhibition of dihydropyridine oxidation and aflatoxin B1 activation in human liver microsomes by naringenin and other flavonoids. <i>Carcinogenesis</i> , 1990 , 11, 2275-9	4.6	212
128	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	4.9	193
127	Enzymatic 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, 413-21	4	151
126	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, 2005-13	4.6	137
125	Structure-related inhibition of human hepatic caffeine N3-demethylation by naturally occurring flavonoids. <i>Biochemical Pharmacology</i> , 1998 , 55, 1369-75	6	73
124	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, 113-21	3.2	69
123	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, 10342-50	3.2	66
122	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	3.5	63
121	Characterization of diverse natural variants of CYP102A1 found within a species of <i>Bacillus megaterium</i> . <i>AMB Express</i> , 2011 , 1, 1	4.1	62
120	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, 771-7	3.5	61
119	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, 2751-9	4.7	57
118	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, 327-33	3.2	57
117	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, 419-24	4.6	56
116	Effects of Schisandra lignans on P-glycoprotein-mediated drug efflux in human intestinal Caco-2. <i>Planta Medica</i> , 2007 , 73, 444-50	3.1	49
115	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, 587-94	4	46
114	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, 7620-5	5.7	44

113	Mechanism of covalent adduct formation of aucubin to proteins. <i>Toxicology Letters</i> , 2000 , 114, 181-8	4.4	39
112	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, 1163-7	3.5	38
111	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, 373-81	3.2	38
110	Validation and application of a screening method for beta2-agonists, anti-estrogenic substances and mesocarb in human urine using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 252-64	2.2	37
109	Isolation and characterization of N7-guanyl adducts derived from 1,2-dibromo-3-chloropropane. <i>Chemical Research in Toxicology</i> , 1991 , 4, 445-53	4	37
108	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, 1803-10	4	36
107	Surface display of heme- and diflavin-containing cytochrome P450 BM3 in Escherichia coli: a whole cell biocatalyst for oxidation. <i>Journal of Microbiology and Biotechnology</i> , 2010 , 20, 712-7	3.3	36
106	Simultaneous quantitation of five flavonoid glycosides in Herba Epimedii by high-performance liquid chromatography-tandem mass spectrometry. <i>Phytochemical Analysis</i> , 2008 , 19, 71-7	3.4	35
105	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, 1139-49	2.1	34
104	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, 338-44	4.9	34
103	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	3.2	32
102	The coffee diterpene kahweol inhibits tumor necrosis factor-alpha-induced expression of cell adhesion molecules in human endothelial cells. <i>Toxicology and Applied Pharmacology</i> , 2006 , 217, 332-41	4.6	32
101	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, 1073-80	2.2	30
100	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, 1157-62	2.2	30
99	Low convulsive activity of a new carbapenem antibiotic, DK-35C, as compared with existing congeners. <i>Toxicology</i> , 1999 , 138, 59-67	4.4	30
98	Plasma metabolites as possible biomarkers for diagnosis of breast cancer. <i>PLoS ONE</i> , 2019 , 14, e0225129	3.7	28
97	Identification of cytochrome P450s involved in the metabolism of arachidonic acid in human platelets. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013 , 89, 227-34	2.8	27
96	Chimeric cytochromes P450 engineered by domain swapping and random mutagenesis for producing human metabolites of drugs. <i>Biotechnology and Bioengineering</i> , 2014 , 111, 1313-22	4.9	25

95	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, 2223-31	5.7	25
94	Glucuronidation of fimasartan, a new angiotensin receptor antagonist, is mainly mediated by UGT1A3. <i>Xenobiotica</i> , 2015 , 45, 10-8	2	23
93	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		23
92	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, 1957-62	2.3	21
91	Mechanism-based inactivation of cytochrome P450 2A6 by decursinol angelate isolated from <i>Angelica Gigas</i> . <i>Drug Metabolism and Disposition</i> , 2007 , 35, 1759-65	4	21
90	Determination of mirodenafil and sildenafil in the plasma and corpus cavernous of SD male rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 513-8	3.5	20
89	Novel oral transforming growth factor- β -signaling inhibitor EW-7197 eradicates CML-initiating cells. <i>Cancer Science</i> , 2016 , 107, 140-8	6.9	20
88	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, 1767-70	2.2	19
87	Low Serum Concentrations of Moxifloxacin, Prothionamide, and Cycloserine on Sputum Conversion in Multi-Drug Resistant TB. <i>Yonsei Medical Journal</i> , 2015 , 56, 961-7	3	18
86	Determination of major UDP-glucuronosyltransferase enzymes and their genotypes responsible for 20-HETE glucuronidation. <i>Journal of Lipid Research</i> , 2014 , 55, 2334-42	6.3	18
85	Ilaprazole, a new proton pump inhibitor, is primarily metabolized to ilaprazole sulfone by CYP3A4 and 3A5. <i>Xenobiotica</i> , 2012 , 42, 278-84	2	18
84	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, 577-81	3.4	18
83	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, 3096-105	5.9	17
82	Determination of tizanidine in human plasma by gas chromatography-mass spectrometry. <i>Analyst, The</i> , 2002 , 127, 917-20	5	16
81	Absolute bioavailability and pharmacokinetics of the angiotensin II receptor antagonist fimasartan in healthy subjects. <i>Journal of Clinical Pharmacology</i> , 2016 , 56, 576-80	2.9	16
80	Selective inhibitory effects of mollugin on CYP1A2 in human liver microsomes. <i>Food and Chemical Toxicology</i> , 2013 , 51, 33-7	4.7	15
79	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, 3005-11	3.2	15
78	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, 1353-63	4.4	15

77	Pharmacokinetics and tissue distribution of a novel PDE5 inhibitor, SK-3530, in rats. <i>Acta Pharmacologica Sinica</i> , 2007 , 28, 1247-53	8	15
76	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, 1036-43	2.2	15
75	Immunosuppressive effects of 2-acetylaminofluorene and 2-aminofluorene on murine splenocytes culture. <i>Drug and Chemical Toxicology</i> , 1989 , 12, 297-311	2.3	15
74	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, 301-12	3.8	15
73	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, 1051-62	3.2	14
72	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, 1991-5	2.3	14
71	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, 1887-96	4	14
70	Characterization of human liver cytochrome P450 enzymes involved in the metabolism of rutaecarpine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 304-9	3.5	14
69	A simple and efficient in vitro method for metabolism studies of radiotracers. <i>Nuclear Medicine and Biology</i> , 2001 , 28, 391-5	2.1	14
68	Simultaneous Determination of Baicalein, Baicalin, Wogonin, and Wogonoside in Rat Plasma by LC-MS/MS for Studying the Pharmacokinetics of the Standardized Extract of Scutellariae Radix. <i>Bulletin of the Korean Chemical Society</i> , 2012 , 33, 177-182	1.2	14
67	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, 141-52	4	13
66	The effect of Ginkgo biloba 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, 821-30	3.8	13
65	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, 2261-7	2.2	13
64	Metabolism of 1-(3-[3-(4-cyanobenzyl)-3H-imidazol-4-yl]-propyl)-3-(6-methoxypyridin-3-yl)-1-(2-trifluoromethylbenzyl)thiourea ₁₃ (YH3945), a novel anti-cancer drug, in rats using the ¹⁴ C-labeled compound. <i>Rapid Communications in Mass Spectrometry</i> , 2004 , 18, 1981-10		
63	High-performance liquid chromatography-based multivariate analysis to predict the estrogenic activity of an Epimedium koreanum extract. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012 , 76, 923-7	2.1	12
62	Enzymatic C-demethylation of 1-[2-(5-tert-butyl-[1,3,4]oxadiazole-2-carbonyl)-4-fluoro-pyrrolidin-1-yl]-2-(2-hydroxy-1,1-dimethyl-ethylamino)-ethanone (LC15-0133) in rat liver microsomes. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 485-9	4	12
61	Mechanism-based inactivation of cytochrome P450 3A4 by methylenedioxyphenyl lignans from <i>Acanthopanax chiisanensis</i> . <i>Planta Medica</i> , 2008 , 74, 822-7	3.1	12
60	Characterization of amiodarone metabolites and impurities using liquid chromatography/atmospheric pressure chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000 , 14, 2046-54	2.2	12

59	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, 213-22	4.6	11
58	Activation of de novo synthetic pathway of ceramides is responsible for the initiation of hydrogen peroxide-induced apoptosis in HL-60 cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007 , 70, 1310-8	3.2	11
57	Inhibition of Cytochrome P450 Activities by Extract and Its Prenylated Flavonoids in Human Liver Microsomes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019 , 2019, 2673769	2.3	10
56	Identification of novel CYP4F2 genetic variants exhibiting decreased catalytic activity in the conversion of arachidonic acid to 20-hydroxyecosatetraenoic acid (20-HETE). <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 131, 6-13	2.8	10
55	Glucuronidation of a sarpogrelate active metabolite is mediated by UDP-glucuronosyltransferases 1A4, 1A9, and 2B4. <i>Drug Metabolism and Disposition</i> , 2013 , 41, 1529-37	4	10
54	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	2.1	10
53	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	6.2	10
52	Characterization of in vitro metabolites of deoxypodophyllotoxin in human and rat liver microsomes using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 52-8	2.2	9
51	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, 1425-9	3.5	9
50	Quantitative determination of medroxyprogesterone acetate in plasma by liquid chromatography/electrospray ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001 , 15, 2041-5	2.2	9
49	Influence of glutathione on the catalytic activity of reconstituted cytochrome P450 3A4. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 242, 209-12	3.4	9
48	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	3	8
47	The tyrosine kinase inhibitor nilotinib selectively inhibits CYP2C8 activities in human liver microsomes. <i>Drug Metabolism and Pharmacokinetics</i> , 2013 , 28, 462-7	2.2	8
46	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, 131-7	3.2	8
45	The identification of in vitro metabolites of CKD-732 by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002 , 16, 2048-53	2.2	8
44	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	4.4	7
43	Inhibitory effects of deoxypodophyllotoxin from <i>Anthriscus sylvestris</i> on human CYP2C9 and CYP3A4. <i>Planta Medica</i> , 2010 , 76, 701-4	3.1	7
42	The metabolism and excretion of 2-methylaminoethoxycarbonyl-4,4Sdimethoxy-5,6,5S6Sdimethylenedioxybiphenyl-2Scarboxylic acid (DDB-S) in rats and human. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 1981-8	2.2	7

41	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, 357-63		7
40	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	4.1	6
39	Characterization of fimasartan metabolites in human liver microsomes and human plasma. <i>Xenobiotica</i> , 2016 , 46, 40-51	2	6
38	The effect of CYP2C19 genotype on the time course of platelet aggregation inhibition after clopidogrel administration. <i>Journal of Clinical Pharmacology</i> , 2014 , 54, 850-7	2.9	6
37	Absorption, distribution, metabolism and excretion of gemigliptin, a novel dipeptidyl peptidase IV inhibitor, in rats. <i>Xenobiotica</i> , 2014 , 44, 627-34	2	6
36	Enantioselective carbonyl reduction of eperisone in human liver microsomes. <i>Xenobiotica</i> , 2011 , 41, 758-63		6
35	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, 1385-91	6.1	5
34	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	3.4	5
33	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, 175-9	1.9	5
32	Analytic evaluation of the beta-human chorionic gonadotropin assay on the Abbott IMx and Elecsys2010 for its use in doping control. <i>Clinical Biochemistry</i> , 2007 , 40, 1259-65	3.5	5
31	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, 183-7	3.5	5
30	Simultaneous quantitation of loganin and sweroside in plasma using column-switching high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2004 , 503, 257-262	6.6	5
29	Determination of aloesin in rat plasma using a column-switching high-performance liquid chromatographic assay. <i>Biomedical Applications</i> , 2001 , 754, 121-6		5
28	Effect of voglibose on the pharmacokinetics of metformin in healthy Korean subjects. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2014 , 52, 1005-11	2	5
27	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		5
26	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	3.2	4
25	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, 550-8	2.9	4
24	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, 1419-30	3.2	4

23	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 abusers in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 3139-45	2.2	4
22	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, 657-61	3.5	4
21	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	3.1	4
20	Effects of ethyl carbamate and its metabolites on the antibody response in splenocyte cultures from female Balb/C mice. <i>Immunopharmacology and Immunotoxicology</i> , 1996 , 18, 91-103	3.2	4
19	PreMetabo: An in silico phase I and II drug metabolism prediction platform. <i>Drug Metabolism and Pharmacokinetics</i> , 2020 , 35, 361-367	2.2	3
18	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	2.8	3
17	Mass spectrometric analysis of cyclofenil and its metabolites in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2002 , 16, 761-7	2.2	3
16	Tandem Mass Spectrometry Molecular Networking as a Powerful and Efficient Tool for Drug Metabolism Studies.. <i>Analytical Chemistry</i> , 2022 ,	7.8	3
15	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	3.2	3
14	Increased hepatic acylcarnitines after oral administration of amiodarone in rats. <i>Journal of Applied Toxicology</i> , 2020 , 40, 1004-1013	4.1	2
13	Characterization of in vitro metabolites of luotonin A in human liver microsomes using electrospray/tandem mass spectrometry. <i>Xenobiotica</i> , 2013 , 43, 527-33	2	2
12	Negligible Effect of Ginkgo Biloba Extract on the Pharmacokinetics of Cilostazol. <i>Biomolecules and Therapeutics</i> , 2009 , 17, 311-317	4.2	2
11	Ultra-fast Generic LC-MS/MS Method for High-Throughput Quantification in Drug Discovery. <i>Mass Spectrometry Letters</i> , 2013 , 4, 47-50		2
10	15-Hydroxyprostaglandin dehydrogenase inhibitor prevents contrast-induced acute kidney injury. <i>Renal Failure</i> , 2021 , 43, 168-179	2.9	2
9	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	3.5	2
8	Regioselective hydroxylation pathway of tenatoprazole to produce human metabolites by <i>Bacillus megaterium</i> CYP102A1. <i>Process Biochemistry</i> , 2019 , 87, 95-104	4.8	1
7	Development of a Chatbot Program for Follow-Up Management of WorkersSGeneral Health Examinations in Korea: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
6	Is Free Breathing Possible During Computed Tomography-Guided Percutaneous Transthoracic Lung Biopsy? The Clinical Experience in 585 Cases.. <i>Journal of Computer Assisted Tomography</i> , 2022 , 46, 294-299 ²		1

5	Aryl hydrocarbon receptor-targeted therapy of CD4+ T-cell-mediated idiopathic pneumonia syndrome in mice.. <i>Blood</i> , 2022 ,	2.2	1
4	Molecular perturbations in pulmonary tuberculosis patients identified by pathway-level analysis of plasma metabolic features.. <i>PLoS ONE</i> , 2022 , 17, e0262545	3.7	0
3	Delineation of the molecular mechanisms underlying Colistin-mediated toxicity using metabolomic and transcriptomic analyses.. <i>Toxicology and Applied Pharmacology</i> , 2022 , 439, 115928	4.6	0
2	Detox agents do not affect the pharmacokinetics of methamphetamine in the rat. <i>Forensic Science International</i> , 2009 , 186, e21-4	2.6	
1	Blunt Abdominal Trauma in Children. <i>Journal of the Korean Association of Pediatric Surgeons</i> , 2007 , 13, 119		