

Jeffrey R Idle

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141
papers

8,395
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53
h-index

88
g-index

144
ext. papers

9,065
ext. citations

6.4
avg, IF

5.75
L-index

#	Paper	IF	Citations
141	Metabolic oxidation phenotypes as markers for susceptibility to lung cancer. <i>Nature</i> , 1984 , 312, 169-70	50.4	351
140	Nomenclature for human CYP2D6 alleles. <i>Pharmacogenetics and Genomics</i> , 1996 , 6, 193-201		348
139	Detection of the poor metabolizer-associated CYP2D6(D) gene deletion allele by long-PCR technology. <i>Pharmacogenetics and Genomics</i> , 1995 , 5, 215-23		230
138	Metabolism of melatonin by human cytochromes p450. <i>Drug Metabolism and Disposition</i> , 2005 , 33, 489-94		224
137	Aberrant lipid metabolism in hepatocellular carcinoma revealed by plasma metabolomics and lipid profiling. <i>Cancer Research</i> , 2011 , 71, 6590-600	10.1	204
136	The role of individual human cytochromes P450 in drug metabolism and clinical response. <i>Trends in Pharmacological Sciences</i> , 1992 , 13, 434-9	13.2	202
135	LC-MS-based metabolomics in drug metabolism. <i>Drug Metabolism Reviews</i> , 2007 , 39, 581-97	7	199
134	Xenobiotic metabolomics: major impact on the metabolome. <i>Annual Review of Pharmacology and Toxicology</i> , 2012 , 52, 37-56	17.9	160
133	Ultrarapid metabolizers of debrisoquine: characterization and PCR-based detection of alleles with duplication of the CYP2D6 gene. <i>FEBS Letters</i> , 1996 , 392, 30-4	3.8	159
132	Metabolic polymorphisms 1993 , 57, 129-60		159
131	Serum metabolomics reveals irreversible inhibition of fatty acid beta-oxidation through the suppression of PPARalpha activation as a contributing mechanism of acetaminophen-induced hepatotoxicity. <i>Chemical Research in Toxicology</i> , 2009 , 22, 699-707	4	148
130	The metabolomic window into hepatobiliary disease. <i>Journal of Hepatology</i> , 2013 , 59, 842-58	13.4	145
129	Tissue metabolomics of hepatocellular carcinoma: tumor energy metabolism and the role of transcriptomic classification. <i>Hepatology</i> , 2013 , 58, 229-38	11.2	141
128	Radiation metabolomics. 1. Identification of minimally invasive urine biomarkers for gamma-radiation exposure in mice. <i>Radiation Research</i> , 2008 , 170, 1-14	3.1	141
127	Pharmacogenetic phenotyping and genotyping. Present status and future potential. <i>Clinical Pharmacokinetics</i> , 1994 , 26, 59-70	6.2	140
126	UPLC-ESI-TOFMS-based metabolomics and gene expression dynamics inspector self-organizing metabolomic maps as tools for understanding the cellular response to ionizing radiation. <i>Analytical Chemistry</i> , 2008 , 80, 665-74	7.8	131
125	Metabolomics reveals that hepatic stearyl-CoA desaturase 1 downregulation exacerbates inflammation and acute colitis. <i>Cell Metabolism</i> , 2008 , 7, 135-47	24.6	130

124	The CYP2D6 humanized mouse: effect of the human CYP2D6 transgene and HNF4alpha on the disposition of debrisoquine in the mouse. <i>Molecular Pharmacology</i> , 2001 , 60, 1260-7	4.3	128
123	Metabolomics. <i>Cell Metabolism</i> , 2007 , 6, 348-51	24.6	126
122	Genetic variation of CYP2A6, smoking, and risk of cancer. <i>Lancet, The</i> , 1999 , 353, 898-9	40	126
121	A metabolomic approach to the metabolism of the areca nut alkaloids arecoline and arecaidine in the mouse. <i>Chemical Research in Toxicology</i> , 2006 , 19, 818-27	4	118
120	The PREgnane X receptor gene-humanized mouse: a model for investigating drug-drug interactions mediated by cytochromes P450 3A. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 194-200	4	116
119	Contribution of individual cytochrome P450 isozymes to the O-demethylation of the psychotropic beta-carboline alkaloids harmaline and harmine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 305, 315-22	4.7	109
118	Identification of novel toxicity-associated metabolites by metabolomics and mass isotopomer analysis of acetaminophen metabolism in wild-type and Cyp2e1-null mice. <i>Journal of Biological Chemistry</i> , 2008 , 283, 4543-59	5.4	105
117	Polymorphism of glutathione S-transferase M1 and lung cancer risk among African-Americans and Caucasians in Los Angeles County, California. <i>Journal of the National Cancer Institute</i> , 1995 , 87, 1246-53	9.7	103
116	Polymorphic cytochrome P450 2D6: humanized mouse model and endogenous substrates. <i>Drug Metabolism Reviews</i> , 2004 , 36, 243-77	7	102
115	Identification of the major human hepatic cytochrome P450 involved in activation and N-dechloroethylation of ifosfamide. <i>Biochemical Pharmacology</i> , 1994 , 47, 1157-63	6	101
114	CYP2D6 phenotype-genotype relationships in African-Americans and Caucasians in Los Angeles. <i>Pharmacogenetics and Genomics</i> , 1998 , 8, 529-41		99
113	Rifampicin-activated human pregnane X receptor and CYP3A4 induction enhance acetaminophen-induced toxicity. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 1611-21	4	98
112	Genetic and metabolic criteria for the assignment of debrisoquine 4-hydroxylation (cytochrome P4502D6) phenotypes. <i>Pharmacogenetics and Genomics</i> , 1991 , 1, 33-41		98
111	Noninvasive urinary metabolomic profiling identifies diagnostic and prognostic markers in lung cancer. <i>Cancer Research</i> , 2014 , 74, 3259-70	10.1	97
110	Titration exposure to tobacco smoke using cotinine--a minefield of misunderstandings. <i>Journal of Clinical Epidemiology</i> , 1990 , 43, 313-7	5.7	97
109	Radiation metabolomics. 2. Dose- and time-dependent urinary excretion of deaminated purines and pyrimidines after sublethal gamma-radiation exposure in mice. <i>Radiation Research</i> , 2009 , 172, 42-57	3.1	95
108	A genetic polymorphism of the N-oxidation of trimethylamine in humans. <i>Clinical Pharmacology and Therapeutics</i> , 1987 , 42, 588-94	6.1	95
107	Rifaximin is a gut-specific human pregnane X receptor activator. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 322, 391-8	4.7	93

106	The pregnane X receptor: from bench to bedside. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2008 , 4, 895-908	5.5	89
105	Antipsychotic drug-induced movement disorders in schizophrenics in relation to CYP2D6 genotype. <i>British Journal of Psychiatry</i> , 1997 , 170, 23-6	5.4	86
104	Differential metabolism of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in mice humanized for CYP1A1 and CYP1A2. <i>Chemical Research in Toxicology</i> , 2005 , 18, 1471-8	4	86
103	Radiation metabolomics. 3. Biomarker discovery in the urine of gamma-irradiated rats using a simplified metabolomics protocol of gas chromatography-mass spectrometry combined with random forests machine learning algorithm. <i>Radiation Research</i> , 2009 , 172, 198-212	3.1	85
102	Radiation metabolomics. 4. UPLC-ESI-QTOFMS-Based metabolomics for urinary biomarker discovery in gamma-irradiated rats. <i>Radiation Research</i> , 2011 , 175, 473-84	3.1	83
101	Radiation metabolomics. 5. Identification of urinary biomarkers of ionizing radiation exposure in nonhuman primates by mass spectrometry-based metabolomics. <i>Radiation Research</i> , 2012 , 178, 328-40	3.1	76
100	Comparison of a novel thin-layer chromatographic-fluorescence detection method with a spectrofluorometric method for the determination of 7-hydroxycoumarin in human urine. <i>Biomedical Applications</i> , 1992 , 575, 325-30		67
99	Is environmental carcinogenesis modulated by host polymorphism?. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1991 , 247, 259-66	3.3	65
98	Metabolomic and genetic analysis of biomarkers for peroxisome proliferator-activated receptor alpha expression and activation. <i>Molecular Endocrinology</i> , 2007 , 21, 2136-51		64
97	Lung cancer risk in relation to the CYP2C9*1/CYP2C9*2 genetic polymorphism among African-Americans and Caucasians in Los Angeles County, California. <i>Pharmacogenetics and Genomics</i> , 1996 , 6, 527-33		62
96	UPLC-MS-based urine metabolomics reveals indole-3-lactic acid and phenyllactic acid as conserved biomarkers for alcohol-induced liver disease in the Ppara-null mouse model. <i>Journal of Proteome Research</i> , 2011 , 10, 4120-33	5.6	59
95	Metabolomics reveals attenuation of the SLC6A20 kidney transporter in nonhuman primate and mouse models of type 2 diabetes mellitus. <i>Journal of Biological Chemistry</i> , 2011 , 286, 19511-22	5.4	59
94	The metabolomics of (+/-)-arecoline 1-oxide in the mouse and its formation by human flavin-containing monooxygenases. <i>Biochemical Pharmacology</i> , 2007 , 73, 561-73	6	58
93	A comprehensive investigation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) metabolism in the mouse using a multivariate data analysis approach. <i>Chemical Research in Toxicology</i> , 2007 , 20, 531-42	4	57
92	Xenobiotic metabolism: a view through the metabolometer. <i>Chemical Research in Toxicology</i> , 2010 , 23, 851-60	4	56
91	Urinary metabolite profiling reveals CYP1A2-mediated metabolism of NSC686288 (aminoflavone). <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 318, 1330-42	4.7	56
90	Identification of noninvasive biomarkers for alcohol-induced liver disease using urinary metabolomics and the Ppara-null mouse. <i>Journal of Proteome Research</i> , 2010 , 9, 4176-88	5.6	53
89	Regeneration of serotonin from 5-methoxytryptamine by polymorphic human CYP2D6. <i>Pharmacogenetics and Genomics</i> , 2003 , 13, 173-81		53

88	The pharmacogenetics of chemical carcinogenesis. <i>Pharmacogenetics and Genomics</i> , 1992 , 2, 246-58		52
87	Metabolomics and its potential in drug development. <i>Biochemical Pharmacology</i> , 2013 , 85, 12-20	6	50
86	A metabolomic perspective of melatonin metabolism in the mouse. <i>Endocrinology</i> , 2008 , 149, 1869-79	4.8	50
85	Urinary metabolites and antioxidant products of exogenous melatonin in the mouse. <i>Journal of Pineal Research</i> , 2006 , 40, 343-9	10.4	50
84	The kinetics of the auto-induction of ifosfamide metabolism during continuous infusion. <i>Cancer Chemotherapy and Pharmacology</i> , 1995 , 36, 53-60	3.5	49
83	Metabolomics reveals a novel vitamin E metabolite and attenuated vitamin E metabolism upon PXR activation. <i>Journal of Lipid Research</i> , 2009 , 50, 924-37	6.3	48
82	Human urinary metabolomic profile of PPARalpha induced fatty acid beta-oxidation. <i>Journal of Proteome Research</i> , 2009 , 8, 4293-300	5.6	48
81	A double transgenic mouse model expressing human pregnane X receptor and cytochrome P450 3A4. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 2506-12	4	48
80	The relative contribution of monoamine oxidase and cytochrome p450 isozymes to the metabolic deamination of the trace amine tryptamine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 304, 539-46	4.7	47
79	Potential role of CYP2D6 in the central nervous system. <i>Xenobiotica</i> , 2013 , 43, 973-84	2	46
78	Disclosure of the metabolic retroversion of trimethylamine N-oxide in humans: a pharmacogenetic approach. <i>Clinical Pharmacology and Therapeutics</i> , 1987 , 42, 608-12	6.1	46
77	Comparative metabolism of cyclophosphamide and ifosfamide in the mouse using UPLC-ESI-QTOFMS-based metabolomics. <i>Biochemical Pharmacology</i> , 2010 , 80, 1063-74	6	45
76	Lung cancer risk in relation to the CYP2E1 Rsa I genetic polymorphism among African-Americans and Caucasians in Los Angeles County. <i>Pharmacogenetics and Genomics</i> , 1996 , 6, 151-8		45
75	Trimethylaminuria (fish-odour syndrome) a study of an affected family. <i>Clinical Science</i> , 1988 , 74, 231-66.5		45
74	Screening for endogenous substrates reveals that CYP2D6 is a 5-methoxyindolethylamine O-demethylase. <i>Pharmacogenetics and Genomics</i> , 2003 , 13, 307-19		45
73	Novel metabolites and roles for Tocopherol in humans and mice discovered by mass spectrometry-based metabolomics. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 818-30	7	44
72	Pharmacokinetics and metabolism of cyclophosphamide in paediatric patients. <i>Cancer Chemotherapy and Pharmacology</i> , 1992 , 30, 207-11	3.5	42
71	4-Hydroxylation of debrisoquine by human CYP1A1 and its inhibition by quinidine and quinine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002 , 301, 1025-32	4.7	40

70	The glycine deportation system and its pharmacological consequences. <i>Pharmacology & Therapeutics</i> , 2012 , 135, 151-67	13.9	39
69	Metabolic profiling by gas chromatography-mass spectrometry of energy metabolism in high-fat diet-fed obese mice. <i>PLoS ONE</i> , 2017 , 12, e0177953	3.7	38
68	The role of mass spectrometry-based metabolomics in medical countermeasures against radiation. <i>Mass Spectrometry Reviews</i> , 2010 , 29, 503-21	11	37
67	Comparative aromatic hydroxylation and N-demethylation of MPTP neurotoxin and its analogs, N-methylated beta-carboline and isoquinoline alkaloids, by human cytochrome P450 2D6. <i>Toxicology and Applied Pharmacology</i> , 2006 , 216, 387-98	4.6	37
66	Urinary metabolomics in Fxr-null mice reveals activated adaptive metabolic pathways upon bile acid challenge. <i>Journal of Lipid Research</i> , 2010 , 51, 1063-74	6.3	36
65	Role of pregnane X receptor in control of all-trans retinoic acid (ATRA) metabolism and its potential contribution to ATRA resistance. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 324, 674-84	4.7	35
64	The relative importance of N-oxidation and N-demethylation in the metabolism of trimethylamine in man. <i>Toxicology</i> , 1987 , 43, 117-21	4.4	35
63	CYP2D6 genotypes in cigarette smokers and non-tobacco users. <i>Pharmacogenetics and Genomics</i> , 1996 , 6, 261-3		34
62	Reduced serum lipoprotein(a) levels in patients with primary biliary cirrhosis. <i>Atherosclerosis</i> , 1994 , 105, 43-50	3.1	34
61	Metabolic profiling of praziquantel enantiomers. <i>Biochemical Pharmacology</i> , 2014 , 90, 166-78	6	32
60	Comparison of substrate metabolism by wild type CYP2D6 protein and a variant containing methionine, not valine, at position 374. <i>Pharmacogenetics and Genomics</i> , 1995 , 5, 234-43		32
59	Individual variation in the activation and inactivation of metabolic pathways of cyclophosphamide. <i>Journal of the National Cancer Institute</i> , 1992 , 84, 1744-8	9.7	32
58	Metabolomics reveals the metabolic map of procainamide in humans and mice. <i>Biochemical Pharmacology</i> , 2012 , 83, 1435-44	6	31
57	Lack of correlation between phenotype and genotype for the polymorphically expressed dihydropyrimidine dehydrogenase in a family of Pakistani origin. <i>Pharmacogenetics and Genomics</i> , 1997 , 7, 161-3		31
56	Lung cancer risk in relation to the CYP2C9 genetic polymorphism among Caucasians in Los Angeles County. <i>Pharmacogenetics and Genomics</i> , 1997 , 7, 401-4		30
55	CYP2D6 genotype and smoking behaviour in cigarette smokers. <i>Pharmacogenetics and Genomics</i> , 1997 , 7, 411-4		29
54	Metabolomic Analysis of Mice Exposed to Gamma Radiation Reveals a Systemic Understanding of Total-Body Exposure. <i>Radiation Research</i> , 2017 , 187, 612-629	3.1	27
53	Metabolomics reveals aging-associated attenuation of noninvasive radiation biomarkers in mice: potential role of polyamine catabolism and incoherent DNA damage-repair. <i>Journal of Proteome Research</i> , 2013 , 12, 2269-81	5.6	27

52	A comprehensive understanding of thioTEPA metabolism in the mouse using UPLC-ESI-QTOFMS-based metabolomics. <i>Biochemical Pharmacology</i> , 2011 , 81, 1043-53	6	27
51	Cytochrome P450 regulation by Eocopherol in Pxr-null and PXR-humanized mice. <i>Drug Metabolism and Disposition</i> , 2013 , 41, 406-13	4	24
50	Mouse lung CYP1A1 catalyzes the metabolic activation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP). <i>Carcinogenesis</i> , 2007 , 28, 732-7	4.6	24
49	Taurine conjugates as metabolites of arylacetic acids in the ferret. <i>Xenobiotica</i> , 1978 , 8, 253-64	2	24
48	The plasma lipidome in acute myeloid leukemia at diagnosis in relation to clinical disease features. <i>BBA Clinical</i> , 2017 , 7, 105-114		23
47	Pharmacokinetics of tramadol is affected by MDR1 polymorphism C3435T. <i>European Journal of Clinical Pharmacology</i> , 2007 , 63, 419-21	2.8	23
46	Intrasubject variation in children of ifosfamide pharmacokinetics and metabolism during repeated administration. <i>Cancer Chemotherapy and Pharmacology</i> , 1996 , 38, 147-54	3.5	23
45	Fenofibrate metabolism in the cynomolgus monkey using ultraperformance liquid chromatography-quadrupole time-of-flight mass spectrometry-based metabolomics. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 1157-63	4	22
44	Combined thin-layer chromatography-photography-densitometry for the quantitation of cyclophosphamide and its four principal urinary metabolites. <i>Biomedical Applications</i> , 1988 , 427, 121-30		22
43	Spectral binding studies of the polymorphically metabolized drugs debrisoquine, sparteine and phenformin by cytochrome P-450 of normal and hydroxylation deficient rat strains. <i>Biochemical Pharmacology</i> , 1982 , 31, 3193-9	6	22
42	Metabolomic and Lipidomic Biomarkers for Premalignant Liver Disease Diagnosis and Therapy. <i>Metabolites</i> , 2020 , 10,	5.6	21
41	Metabolomics reveals trichloroacetate as a major contributor to trichloroethylene-induced metabolic alterations in mouse urine and serum. <i>Archives of Toxicology</i> , 2013 , 87, 1975-1987	5.8	21
40	Metabolomic markers for intestinal ischemia in a mouse model. <i>Journal of Surgical Research</i> , 2012 , 178, 879-87	2.5	20
39	Combined thin-layer chromatography-photography-densitometry for the quantification of ifosfamide and its principal metabolites in urine, cerebrospinal fluid and plasma. <i>Biomedical Applications</i> , 1992 , 575, 137-42		20
38	Genotyping of the CYP 2D6 gene in Norwegian lung cancer patients and controls. <i>Pharmacogenetics and Genomics</i> , 1994 , 4, 47-57		19
37	Control of steroid 21-oic acid synthesis by peroxisome proliferator-activated receptor alpha and role of the hypothalamic-pituitary-adrenal axis. <i>Journal of Biological Chemistry</i> , 2010 , 285, 7670-85	5.4	18
36	CYP2D6 polymorphism, tramadol pharmacokinetics and pupillary response. <i>European Journal of Clinical Pharmacology</i> , 2006 , 62, 75-6; author reply 77-8	2.8	16
35	Deficient nifedipine oxidation: a rare inherited trait associated with cystic fibrosis kindreds. <i>Pharmacogenetics and Genomics</i> , 1992 , 2, 19-24		16

34	Dog bites man or man bites dog? The enigma of the amino acid conjugations. <i>Biochemical Pharmacology</i> , 2012 , 83, 1331-9	6	14
33	Characterization of the 16+9 kb and 30+9 kb CYP2D6 XbaI haplotypes. <i>Pharmacogenetics and Genomics</i> , 1997 , 7, 149-52		14
32	S-mephenytoin hydroxylation phenotypes in a Jordanian population. <i>Clinical Pharmacology and Therapeutics</i> , 1995 , 58, 542-7	6.1	14
31	Analysis of N1-acetyl-N2-formyl-5-methoxykynuramine/N1-acetyl-5-methoxy-kynuramine formation from melatonin in mice. <i>Journal of Pineal Research</i> , 2010 , 49, 106-14	10.4	13
30	Identification of 2-piperidone as a biomarker of CYP2E1 activity through metabolomic phenotyping. <i>Toxicological Sciences</i> , 2013 , 135, 37-47	4.4	12
29	3,4-Dehydrodebrisoquine, a novel debrisoquine metabolite formed from 4-hydroxydebrisoquine that affects the CYP2D6 metabolic ratio. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 1563-74	4	12
28	The metabolomic profile of gamma-irradiated human hepatoma and muscle cells reveals metabolic changes consistent with the Warburg effect. <i>PeerJ</i> , 2016 , 4, e1624	3.1	12
27	The production and composition of rat sebum is unaffected by 3 Gy gamma radiation. <i>International Journal of Radiation Biology</i> , 2011 , 87, 360-71	2.9	11
26	Pinning down the polo-box domain. <i>Chemistry and Biology</i> , 2008 , 15, 415-6		11
25	Cerebral formation in situ of S-carboxymethylcysteine after ifosfamide administration to mice: a further clue to the mechanism of ifosfamide encephalopathy. <i>Toxicology Letters</i> , 2006 , 161, 188-94	4.4	11
24	Prediction of subclinical perhexiline neuropathy in a patient with inborn error of debrisoquine hydroxylation. <i>American Heart Journal</i> , 1983 , 105, 159-61	4.9	11
23	Taurine conjugation of arylacetic acids in the ferret. <i>Biochemical Society Transactions</i> , 1976 , 4, 139-41	5.1	11
22	Robust Regression Analysis of GCMS Data Reveals Differential Rewiring of Metabolic Networks in Hepatitis B and C Patients. <i>Metabolites</i> , 2017 , 7,	5.6	9
21	Glutamine conjugation of phenylacetic acid in the ferret [proceedings]. <i>Biochemical Society Transactions</i> , 1977 , 5, 1033-5	5.1	9
20	Pharmacogenetics in the new patterns of healthcare delivery. <i>Pharmacogenetics and Genomics</i> , 1995 , 5, 347-50		8
19	Metabolic Rewiring and the Characterization of Oncometabolites. <i>Cancers</i> , 2021 , 13,	6.6	8
18	Mass isotopomer-guided decluttering of metabolomic data to visualize endogenous biomarkers of drug toxicity. <i>Biochemical Pharmacology</i> , 2018 , 156, 491-500	6	8
17	A Novel Anti-Hepatitis C Virus and Antiproliferative Agent Alters Metabolic Networks in HepG2 and Hep3B Cells. <i>Metabolites</i> , 2017 , 7,	5.6	7

16	Racemates revisited: heterochiral assemblies and the example of DL-thalidomide. <i>Xenobiotica</i> , 2011 , 41, 837-43	2	7
15	Elevated serum cholesterol in drug-oxidation-deficient rats. <i>Biochemical Pharmacology</i> , 1982 , 31, 1665-86		7
14	Disruption of tumor suppressor gene Hint1 leads to remodeling of the lipid metabolic phenotype of mouse liver. <i>Journal of Lipid Research</i> , 2014 , 55, 2309-19	6.3	6
13	CYP2A6 polymorphism, nicotine, and environmental nitrosamines. <i>Lancet, The</i> , 1999 , 353, 2073	40	6
12	The conjugation of arylacetic acids in the pigeon compared with the hen. <i>Biochemical Society Transactions</i> , 1976 , 4, 141-43	5.1	6
11	Metabolomic insights into the mode of action of natural products in the treatment of liver disease. <i>Biochemical Pharmacology</i> , 2020 , 180, 114171	6	5
10	(2,3)-Dihydroxybutanoic Acid Synthesis as a Novel Metabolic Function of Mutant Isocitrate Dehydrogenase 1 and 2 in Acute Myeloid Leukemia. <i>Cancers</i> , 2020 , 12,	6.6	3
9	Plasma fetal bile acids 7 β -hydroxy-3-oxochol-4-en-24-oic acid and 3-oxachola-4,6-dien-24-oic acid indicate severity of liver cirrhosis. <i>Scientific Reports</i> , 2021 , 11, 8298	4.9	2
8	A Metabolomic Perspective of Small Molecule Toxicity		2
7	New Opportunities in Cancer Risk Evaluation Using PCR-Based DNA Analysis for CYP2D6. <i>Environmental Health Perspectives</i> , 1993 , 101, 117	8.4	1
6	A history and overview of phenotypic variability in CYP2D6 activity 2014 , 8-27		
5	Sex dimorphism of metiamide sulphoxidation and glucuronidation in rodent species. <i>Biochemical Society Transactions</i> , 1983 , 11, 183-184	5.1	
4	The conjugation of benzoic acid and phenylacetic acid by the Pipistrelle bat. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1977 , 58, 57-9		
3	The effect of pregnane X receptor (PXR)-mediated CYP3A induction on acetaminophen hepatotoxicity. <i>FASEB Journal</i> , 2007 , 21, A1184	0.9	
2	Role of the Pregnane X Receptor in the Clinical Resistance to all-trans Retinoic Acid. <i>FASEB Journal</i> , 2007 , 21, A1190	0.9	
1	LC-MS-based metabolomics of acetaminophen-induced acute toxicity. <i>FASEB Journal</i> , 2009 , 23, 760.4	0.9	