Nina Isoherranen

List of Publications by Year
in descending order

133	5,445	87723	106150
papers	citations	38 h-index	65 g-index

140	140	140	6083
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physiologically Based Pharmacokinetic (PBPK) Modeling and Simulation Approaches: A Systematic Review of Published Models, Applications, and Model Verification. Drug Metabolism and Disposition, 2015, 43, 1823-1837.	1.7	381
2	EFFECT OFCYP3A5POLYMORPHISM ON TACROLIMUS METABOLIC CLEARANCE IN VITRO. Drug Metabolism and Disposition, 2006, 34, 836-847.	1.7	247
3	ROLE OF ITRACONAZOLE METABOLITES IN CYP3A4 INHIBITION. Drug Metabolism and Disposition, 2004, 32, 1121-1131.	1.7	232
4	Cannabis use during pregnancy: Pharmacokinetics and effects on child development. , 2018, 182, 133-151.		180
5	EVIDENCE OF SIGNIFICANT CONTRIBUTION FROM CYP3A5 TO HEPATIC DRUG METABOLISM. Drug Metabolism and Disposition, 2004, 32, 1434-1445.	1.7	161
6	Drug Metabolism and Transport During Pregnancy: How Does Drug Disposition Change during Pregnancy and What Are the Mechanisms that Cause Such Changes?. Drug Metabolism and Disposition, 2013, 41, 256-262.	1.7	159
7	The role of CYP26 enzymes in retinoic acid clearance. Expert Opinion on Drug Metabolism and Toxicology, 2009, 5, 875-886.	1.5	154
8	Commensals Suppress Intestinal Epithelial Cell Retinoic Acid Synthesis to Regulate Interleukin-22 Activity and Prevent Microbial Dysbiosis. Immunity, 2018, 49, 1103-1115.e6.	6.6	139
9	Contribution of Itraconazole Metabolites to Inhibition of CYP3A4 In Vivo. Clinical Pharmacology and Therapeutics, 2008, 83, 77-85.	2.3	116
10	Suppression of Spermatogenesis by Bisdichloroacetyldiamines Is Mediated by Inhibition of Testicular Retinoic Acid Biosynthesis. Journal of Andrology, 2011, 32, 111-119.	2.0	114
11	Processive Pulses of Retinoic Acid Propel Asynchronous and Continuous Murine Sperm Production1. Biology of Reproduction, 2015, 92, 37.	1.2	95
12	A sensitive and specific method for measurement of multiple retinoids in human serum with UHPLC-MS/MS. Journal of Lipid Research, 2012, 53, 587-598.	2.0	93
13	Heavy Cannabis Use Associated With Reduction in Activated and Inflammatory Immune Cell Frequencies in Antiretroviral Therapyâ€“Treated Human Immunodeficiency Virusâ€“Infected Individuals. Clinical Infectious Diseases, 2018, 66, 1872-1882.	2.9	85
14	Comparison of the function and expression of CYP26A1 and CYP26B1, the two retinoic acid hydroxylases. Biochemical Pharmacology, 2012, 83, 149-163.	2.0	84
15	Inhibition of CYP2C19 and CYP3A4 by Omeprazole Metabolites and Their Contribution to Drug-Drug Interactions. Drug Metabolism and Disposition, 2013, 41, 1414-1424.	1.7	83
16	Development of an Orally Available and Central Nervous System (CNS) Penetrant Toxoplasma gondii Calcium-Dependent Protein Kinase 1 (TgCDPK1) Inhibitor with Minimal Human Ether-a-go-go-Related Gene (hERG) Activity for the Treatment of Toxoplasmosis. Journal of Medicinal Chemistry, 2016, 59, 6531-6546.	2.9	81
17	A Physiologically Based Pharmacokinetic Model to Predict Disposition of CYP2D6 and CYP1A2 Metabolized Drugs in Pregnant Women. Drug Metabolism and Disposition, 2013, 41, 801-813.	1.7	78
18	3D cell culture models: Drug pharmacokinetics, safety assessment, and regulatory consideration. Clinical and Translational Science, 2021, 14, 1659-1680.	1.5	77

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19	Expression and functional characterization of cytochrome P450 26A1, a retinoic acid hydroxylase. Biochemical Pharmacology, 2009, 77, 258-268.	2.0	76
20	Induction of CYP26A1 by Metabolites of Retinoic Acid: Evidence That CYP26A1 Is an Important Enzyme in the Elimination of Active Retinoids. Molecular Pharmacology, 2015, 87, 430-441.	1.0	71
21	The relative importance of CYP26A1 in hepatic clearance of all-trans retinoic acid. Biochemical Pharmacology, 2010, 80, 903-912.	2.0	70
22	Inhibition of Retinoic Acid Biosynthesis by the Bisdichloroacetyldiamine WIN 18,446 Markedly Suppresses Spermatogenesis and Alters Retinoid Metabolism in Mice. Journal of Biological Chemistry, 2014, 289, 15104-15117.	1.6	67
23	Therapeutic Potential of the Inhibition of the Retinoic Acid Hydroxylases CYP26A1 and CYP26B1 by Xenobiotics. Current Topics in Medicinal Chemistry, 2013, 13, 1402-1428.	1.0	67
24	Biochemical and physiological importance of the CYP26 retinoic acid hydroxylases. , 2019, 204, 107400.		66
25	Fluoxetine- and Norfluoxetine-Mediated Complex Drugâ€“Drug Interactions: In Vitro to In Vivo Correlation of Effects on CYP2D6, CYP2C19, and CYP3A4. Clinical Pharmacology and Therapeutics, 2014, 95, 653-662.	2.3	65
26	Role of Retinoic Acid-Metabolizing Cytochrome P450s, CYP26, in Inflammation and Cancer. Advances in Pharmacology, 2015, 74, 373-412.	1.2	63
27	Quantitative Prediction of CYP2B6 Induction by Estradiol During Pregnancy: Potential Explanation for Increased Methadone Clearance During Pregnancy. Drug Metabolism and Disposition, 2013, 41, 270-274.	1.7	61
28	Evaluation of 6Î²-Hydroxycortisol, 6Î²-Hydroxycortisone, and a Combination of the Two as Endogenous Probes for Inhibition of CYP3A4 In Vivo. Clinical Pharmacology and Therapeutics, 2011, 89, 888-895.	2.3	60
29	Importance of ALDH1A enzymes in determining human testicular retinoic acid concentrations. Journal of Lipid Research, 2015, 56, 342-357.	2.0	59
30	Dealing with the complex drugâ€“drug interactions: Towards mechanistic models. Biopharmaceutics and Drug Disposition, 2015, 36, 71-92.	1.1	58
31	STEREOCHEMICAL ASPECTS OF ITRACONAZOLE METABOLISM IN VITRO AND IN VIVO. Drug Metabolism and Disposition, 2006, 34, 583-590.	1.7	53
32	Qualitative Analysis of the Role of Metabolites in Inhibitory Drugâ^'Drug Interactions: Literature Evaluation Based on the Metabolism and Transport Drug Interaction Database. Chemical Research in Toxicology, 2009, 22, 294-298.	1.7	52
33	Contributions of human cytochrome P450 enzymes to glyburide metabolism. Biopharmaceutics and Drug Disposition, 2010, 31, 228-242.	1.1	51
34	Pharmacokinetics of Levetiracetam and Its Enantiomer (R)-Î±-ethyl-2-oxo-pyrrolidine acetamide in Dogs. Epilepsia, 2001, 42, 825-830.	2.6	48
35	Altered Expression of Small Heterodimer Partner Governs Cytochrome P450 (CYP) 2D6 Induction during Pregnancy in CYP2D6-humanized Mice. Journal of Biological Chemistry, 2014, 289, 3105-3113.	1.6	48
36	Developmental Outcome of Levetiracetam, Its Major Metabolite in Humans, 2-Pyrrolidinone N-Butyric Acid, and Its Enantiomer (R)-Î±-ethyl-oxo-pyrrolidine Acetamide in a Mouse Model of Teratogenicity. Epilepsia, 2003, 44, 1280-1288.	2.6	46

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37	The Influence of CYP3A5 Expression on the Extent of Hepatic CYP3A Inhibition Is Substrate-Dependent: An in Vitro-in Vivo Evaluation. Drug Metabolism and Disposition, 2008, 36, 146-154.	1.7	45
38	Anticonvulsant Profile of Valrocemide (TV1901): A New Antiepileptic Drug. Epilepsia, 2001, 42, 831-836.	2.6	43
39	Prediction of Relative In Vivo Metabolite Exposure from In Vitro Data Using Two Model Drugs: Dextromethorphan and Omeprazole. Drug Metabolism and Disposition, 2012, 40, 159-168.	1.7	41
40	Pharmacological inhibition of ALDH1A in mice decreases all-trans retinoic acid concentrations in a tissue specific manner. Biochemical Pharmacology, 2015, 95, 177-192.	2.0	41
41	Characterization of Vitamin A Metabolome in Human Livers With and Without Nonalcoholic Fatty Liver Disease. Journal of Pharmacology and Experimental Therapeutics, 2019, 370, 92-103.	1.3	40
42	Analysis of Topiramate and Its Metabolites in Plasma and Urine of Healthy Subjects and Patients With Epilepsy by Use of a Novel Liquid Chromatographyâ€“Mass Spectrometry Assay. Therapeutic Drug Monitoring, 2003, 25, 314-322.	1.0	39
43	A Comparison of the Roles of Peroxisome Proliferator-Activated Receptor and Retinoic Acid Receptor on CYP26 Regulation. Molecular Pharmacology, 2010, 77, 218-227.	1.0	39
44	Importance of Multi-P450 Inhibition in Drugâ€“Drug Interactions: Evaluation of Incidence, Inhibition Magnitude, and Prediction from in Vitro Data. Chemical Research in Toxicology, 2012, 25, 2285-2300.	1.7	39
45	Detection of an endogenous urinary biomarker associated with CYP2D6 activity using global metabolomics. Pharmacogenomics, 2014, 15, 1947-1962.	0.6	39
46	Development of a Dynamic Physiologically Based Mechanistic Kidney Model to Predict Renal Clearance. CPT: Pharmacometrics and Systems Pharmacology, 2018, 7, 593-602.	1.3	36
47	Pharmacokinetic-pharmacodynamic relationships of (2S,3S)-valnoctamide and its stereoisomer (2R,3S)-valnoctamide in rodent models of epilepsy. Pharmaceutical Research, 2003, 20, 1293-1301.	1.7	35
48	Emerging Role of Organâ€onâ€aâ€Chip Technologies in Quantitative Clinical Pharmacology Evaluation. Clinical and Translational Science, 2019, 12, 113-121.	1.5	33
49	Substrate Specificity and Ligand Interactions of CYP26A1, the Human Liver Retinoic Acid Hydroxylase. Molecular Pharmacology, 2011, 80, 228-239.	1.0	32
50	SAR Studies of 5-Aminopyrazole-4-carboxamide Analogues as Potent and Selective Inhibitors of Toxoplasma gondii CDPK1. ACS Medicinal Chemistry Letters, 2015, 6, 1184-1189.	1.3	32
51	Anticonvulsant Profile and Teratogenicity of N-methyl-tetramethylcyclopropyl Carboxamide: A New Antiepileptic Drug. Epilepsia, 2002, 43, 115-126.	2.6	31
52	Stereoselective Metabolism of Bupropion to OH-bupropion, Threohydrobupropion, Erythrohydrobupropion, and 4'-OH-bupropion in vitro. Drug Metabolism and Disposition, 2016, 44, 1709-1719.	1.7	31
53	Direct proteinâ€“protein interactions and substrate channeling between cellular retinoic acid binding proteins and <scp>CYP</scp>26B1. FEBS Letters, 2016, 590, 2527-2535.	1.3	31
54	Changes in maternal liver Cyp2c and Cyp2d expression and activity during rat pregnancy. Biochemical Pharmacology, 2008, 75, 1677-1687.	2.0	30

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55	Inhibition of the all-trans Retinoic Acid (atRA) Hydroxylases CYP26A1 and CYP26B1 Results in Dynamic, Tissue-Specific Changes in Endogenous atRA Signaling. Drug Metabolism and Disposition, 2017, 45, 846-854.	1.7	30
56	Identification of human UDP-glucuronosyltransferases catalyzing hepatic 1Î±,25-dihydroxyvitamin D3 conjugation. Biochemical Pharmacology, 2008, 75, 1240-1250.	2.0	29
57	Rationalization and prediction ofin vivometabolite exposures: the role of metabolite kinetics, clearance predictions andin vitroparameters. Expert Opinion on Drug Metabolism and Toxicology, 2010, 6, 1095-1109.	1.5	29
58	All-Trans-Retinoic Acid Enhances Mitochondrial Function in Models of Human Liver. Molecular Pharmacology, 2016, 89, 560-574.	1.0	29
59	Domoic acid in California sea lion fetal fluids indicates continuous exposure to a neuroteratogen poses risks to mammals. Harmful Algae, 2018, 79, 53-57.	2.2	29
60	Physiologically Based Pharmacokinetic Model of All-trans-Retinoic Acid with Application to Cancer Populations and Drug Interactions. Journal of Pharmacology and Experimental Therapeutics, 2017, 361, 246-258.	1.3	28
61	Physiologically Based Pharmacokinetic Model of the CYP2D6 Probe Atomoxetine: Extrapolation to Special Populations and Drug-Drug Interactions. Drug Metabolism and Disposition, 2017, 45, 1156-1165.	1.7	28
62	In vitro to in vivo extrapolation of the complex drug-drug interaction of bupropion and its metabolites with CYP2D6; simultaneous reversible inhibition and CYP2D6 downregulation. Biochemical Pharmacology, 2017, 123, 85-96.	2.0	28
63	Effect of CYP3A5 Expression on the Inhibition of CYP3A-Catalyzed Drug Metabolism: Impact on Modeling CYP3A-Mediated Drug-Drug Interactions. Drug Metabolism and Disposition, 2013, 41, 1566-1574.	1.7	27
64	CYP26C1 Is a Hydroxylase of Multiple Active Retinoids and Interacts with Cellular Retinoic Acid Binding Proteins. Molecular Pharmacology, 2018, 93, 489-503.	1.0	27
65	Stereoselective Formation and Metabolism of 4-Hydroxy-Retinoic Acid Enantiomers by Cytochrome P450 Enzymes. Journal of Biological Chemistry, 2012, 287, 42223-42232.	1.6	26
66	Characterization of the anticonvulsant profile and enantioselective pharmacokinetics of the chiral valproylamide propylisopropyl acetamide in rodents. British Journal of Pharmacology, 2003, 138, 602-613.	2.7	25
67	Levels of the retinoic acid synthesizing enzyme aldehyde dehydrogenase-1A2 are lower in testicular tissue from men with infertility. Fertility and Sterility, 2014, 101, 960-966.	0.5	25
68	Stereospecific Metabolism of Itraconazole by CYP3A4: Dioxolane Ring Scission of Azole Antifungals. Drug Metabolism and Disposition, 2012, 40, 426-435.	1.7	24
69	Phenotypic and functional consequences of haploinsufficiency of genes from exocyst and retinoic acid pathway due to a recurrent microdeletion of 2p13.2. Orphanet Journal of Rare Diseases, 2013, 8, 100.	1.2	24
70	ALDH Enzyme Expression Is Independent of the Spermatogenic Cycle, and Their Inhibition Causes Misregulation of Murine Spermatogenic Processes1. Biology of Reproduction, 2016, 94, 12.	1.2	24
71	The retinoic acid hydroxylase Cyp26a1 has minor effects on postnatal vitamin A homeostasis, but is required for exogenous atRA clearance. Journal of Biological Chemistry, 2019, 294, 11166-11179.	1.6	24
72	Stereoselective Inhibition of CYP2C19 and CYP3A4 by Fluoxetine and Its Metabolite: Implications for Risk Assessment of Multiple Time-Dependent Inhibitor Systems. Drug Metabolism and Disposition, 2013, 41, 2056-2065.	1.7	23

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73	The role of metabolites in predicting drug-drug interactions: focus on irreversible cytochrome P450 inhibition. Current Opinion in Drug Discovery & Development, 2010, 13, 66-77.	1.9	23
74	Pharmacokinetics of Gentamicin C 1 , C 1a , and C 2 in Beagles after a Single Intravenous Dose. Antimicrobial Agents and Chemotherapy, 2000, 44, 1443-1447.	1.4	22
75	Nitric Oxide and Interleukin-1Î²Stimulate the Proteasome-Independent Degradation of the Retinoic Acid Hydroxylase CYP2C22 in Primary Rat Hepatocytes. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 141-152.	1.3	22
76	Impact of Sample Matrix on Accuracy of Peptide Quantification: Assessment of Calibrator and Internal Standard Selection and Method Validation. Analytical Chemistry, 2016, 88, 746-753.	3.2	22
77	Interaction and Transport of Methamphetamine and its Primary Metabolites by Organic Cation and Multidrug and Toxin Extrusion Transporters. Drug Metabolism and Disposition, 2017, 45, 770-778.	1.7	22
78	Chronic, low-level oral exposure to marine toxin, domoic acid, alters whole brain morphometry in nonhuman primates. NeuroToxicology, 2019, 72, 114-124.	1.4	21
79	New CNS-active drugs which are second-generation valproic acid: can they lead to the development of a magic bullet?. Current Opinion in Neurology, 2003, 16, 203-211.	1.8	21
80	Toxicokinetics and Physiologically Based Pharmacokinetic Modeling of the Shellfish Toxin Domoic Acid in Nonhuman Primates. Drug Metabolism and Disposition, 2018, 46, 155-165.	1.7	20
81	Preclinical modeling of exposure to a global marine bio-contaminant: Effects of in utero Domoic acid exposure on neonatal behavior and infant memory. Neurotoxicology and Teratology, 2019, 73, 1-8.	1.2	20
82	Epithelium intrinsic vitamin A signaling co-ordinates pathogen clearance in the gut via IL-18. PLoS Pathogens, 2020, 16, e1008360.	2.1	20
83	Determination of gentamicin after trimethylsilylimidazole and trifluoroacetic anhydride derivatization using gas chromatography and negative ion chemical ionization ion trap mass spectrometry. Analyst, The, 2000, 125, 1573-1576.	1.7	19
84	Sources ofall-transretinal oxidation independent of the aldehyde dehydrogenase 1A isozymes exist in the postnatal testisâ€. Biology of Reproduction, 2019, 100, 547-560.	1.2	18
85	Altered vitamin A metabolism in human liver slices corresponds to fibrogenesis. Clinical and Translational Science, 2021, 14, 976-989.	1.5	18
86	In vitro-to-in vivopredictions of drugâ€“drug interactions involving multiple reversible inhibitors. Expert Opinion on Drug Metabolism and Toxicology, 2012, 8, 449-466.	1.5	17
87	Validated HPLC-MS/MS Method To Quantify Low Levels of Domoic Acid in Plasma and Urine after Subacute Exposure. ACS Omega, 2018, 3, 12079-12088.	1.6	17
88	Hepatic Cyp2d and Cyp26a1 mRNAs and Activities Are Increased During Mouse Pregnancy. Drug Metabolism and Disposition, 2013, 41, 312-319.	1.7	16
89	Does In Vitro Cytochrome P450 Downregulation Translate to In Vivo Drugâ€Drug Interactions? Preclinical and Clinical Studies With 13â€cisâ€Retinoic Acid. Clinical and Translational Science, 2019, 12, 350-360.	1.5	16
90	Effects of oral domoic acid exposure on maternal reproduction and infant birth characteristics in a preclinical nonhuman primate model. Neurotoxicology and Teratology, 2019, 72, 10-21.	1.2	16

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91	Novel Mechanistic PBPK Model to Predict Renal Clearance in Varying Stages of CKD by Incorporating Tubular Adaptation and Dynamic Passive Reabsorption. CPT: Pharmacometrics and Systems Pharmacology, 2020, 9, 571-583.	1.3	16
92	Knockout of Cyp26a1 and Cyp26b1 during postnatal life causes reduced lifespan, dermatitis, splenomegaly, and systemic inflammation in mice. FASEB Journal, 2020, 34, 15788-15804.	0.2	16
93	Bridging the gap between in silico and in vivo by modeling opioid disposition in a kidney proximal tubule microphysiological system. Scientific Reports, 2021, 11, 21356.	1.6	16
94	Identification and Structural Characterization of Three New Metabolites of Bupropion in Humans. ACS Medicinal Chemistry Letters, 2016, 7, 791-796.	1.3	15
95	Anticonvulsant activity, teratogenicity and pharmacokinetics of novel valproyltaurinamide derivatives in mice. British Journal of Pharmacology, 2003, 139, 755-764.	2.7	14
96	Mechanistic PBPK Modeling of Urine pH Effect on Renal and Systemic Disposition of Methamphetamine and Amphetamine. Journal of Pharmacology and Experimental Therapeutics, 2020, 373, 488-501.	1.3	14
97	Sampling Site Has a Critical Impact on Physiologically Based Pharmacokinetic Modeling. Journal of Pharmacology and Experimental Therapeutics, 2020, 372, 30-45.	1.3	14
98	Development of best practices in physiologically based pharmacokinetic modeling to support clinical pharmacology regulatory decisionâ€makingâ€”A workshop summary. CPT: Pharmacometrics and Systems Pharmacology, 2021, 10, 1271-1275.	1.3	14
99	Effect of Highâ€Dose Esomeprazole on CYP1A2, CYP2C19, and CYP3A4 Activities in Humans: Evidence for Substantial and Longâ€lasting Inhibition of CYP2C19. Clinical Pharmacology and Therapeutics, 2020, 108, 1254-1264.	2.3	13
100	Impact of vitamin A transport and storage on intestinal retinoid homeostasis and functions. Journal of Lipid Research, 2021, 62, 100046.	2.0	13
101	Aldehyde Oxidase Contributes to All-Trans-Retinoic Acid Biosynthesis in Human Liver. Drug Metabolism and Disposition, 2021, 49, 202-211.	1.7	13
102	Risk Assessment of Mechanism-Based Inactivation in Drug-Drug Interactions. Drug Metabolism and Disposition, 2012, 40, 1653-1657.	1.7	12
103	Maternal-fetal disposition of domoic acid following repeated oral dosing during pregnancy in nonhuman primate. Toxicology and Applied Pharmacology, 2020, 398, 115027.	1.3	12
104	Metabolism of a new antiepileptic drug, N-methyl-tetramethylcyclopropanecarboxamide, and anticonvulsant activity of its metabolites. Epilepsy Research, 2004, 58, 1-12.	0.8	11
105	Identification of Tazarotenic Acid as the First Xenobiotic Substrate of Human Retinoic Acid Hydroxylase CYP26A1 and CYP26B1. Journal of Pharmacology and Experimental Therapeutics, 2016, 357, 281-292.	1.3	11
106	Development and Characterization of Novel and Selective Inhibitors of Cytochrome P450 CYP26A1, the Human Liver Retinoic Acid Hydroxylase. Journal of Medicinal Chemistry, 2016, 59, 2579-2595.	2.9	11
107	Discovery of a Potential Human Serum Biomarker for Chronic Seafood Toxin Exposure Using an SPR Biosensor. Toxins, 2019, 11, 293.	1.5	11
108	Scaling in vitro activity of CYP3A7 suggests human fetal livers do not clear retinoic acid entering from maternal circulation. Scientific Reports, 2019, 9, 4620.	1.6	11

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109	Analysis of vitamin A and retinoids in biological matrices. Methods in Enzymology, 2020, 637, 309-340.	0.4	11
110	Predicting Maternal-Fetal Disposition of Fentanyl Following Intravenous and Epidural Administration Using Physiologically Based Pharmacokinetic Modeling. Drug Metabolism and Disposition, 2021, 49, 1003-1015.	1.7	10
111	Pregnancy Decreases Rat CYP1A2 Activity and Expression. Drug Metabolism and Disposition, 2011, 39, 4-7.	1.7	8
112	Human Fetal Liver Metabolism of Oxycodone Is Mediated by CYP3A7. AAPS Journal, 2021, 23, 24.	2.2	7
113	Plasma Retinoid Concentrations Are Altered in Pregnant Women. Nutrients, 2022, 14, 1365.	1.7	7
114	CRABPs Alter all-trans-Retinoic Acid Metabolism by CYP26A1 via Protein-Protein Interactions. Nutrients, 2022, 14, 1784.	1.7	6
115	Determinants of Cytochrome P450 2D6 <scp>mRNA</scp> Levels in Healthy Human Liver Tissue. Clinical and Translational Science, 2019, 12, 416-423.	1.5	5
116	Pregnancy Has No Clinically Significant Effect on the Pharmacokinetics of Bupropion or Its Metabolites. Therapeutic Drug Monitoring, 2021, 43, 780-788.	1.0	4
117	Do Inhibitory Metabolites Impact DDI Risk Assessment? Analysis of in vitro and in vivo Data from NDA Reviews Between 2013 and 2018. Clinical Pharmacology and Therapeutics, 2021, 110, 452-463.	2.3	4
118	Objective Identification of Cannabis Use Levels in Clinical Populations Is Critical for Detecting Pharmacological Outcomes. Cannabis and Cannabinoid Research, 2022, 7, 852-864.	1.5	4
119	Infant Dextromethorphan and Dextrorphan Exposure via Breast Milk From Mothers Who Are CYP2D6 Extensive Metabolizers. Journal of Clinical Pharmacology, 2022, 62, 747-755.	1.0	4
120	Evidence of depotâ€specific regulation of allâ€trans â€retinoic acid biosynthesis in human adipose tissue. Clinical and Translational Science, 2022, , .	1.5	4
121	Power spectrum analysis of EEG in a translational nonhuman primate model after chronic exposure to low levels of the common marine neurotoxin, domoic acid. NeuroToxicology, 2020, 80, 124-129.	1.4	3
122	Gas chromatographic determination of novel valproyl taurinamide derivatives in mouse and dog plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 788, 125-136.	1.2	1
123	Isotretinoin and its Metabolites Alter mRNA of Multiple Enzyme and Transporter Genes In Vitro, but Downregulation of Organic Anion Transporting Polypeptide Does Not Translate to the Clinic. Drug Metabolism and Disposition, 2022, 50, 1042-1052.	1.7	1
124	In vitro characterization and in vitro to in vivo predictions of drug-drug interactions. , 2020, , 273-309.		0
125	Role of Pharmacokinetics and Pharmacokinetic Modeling in Drug Development. , 2021, , .		0
126	Qualitative Analysis of the Role of Metabolites in Inhibitory Drugâ€Drug Interactions: literature evaluation based on the Metabolism and Transport Drug Interaction Database. FASEB Journal, 2009, 23, LB398.	0.2	0

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127	Substrate channeling of retinoic acid between cellular retinoic acid binding proteins (CRABPs) and CYP26 enzymes. FASEB Journal, 2012, 26, lb544.	0.2	0
128	Cellular retinoic acid binding proteins (CRABPs) channel retinoic acid to CYP26A1. FASEB Journal, 2013, 27, 892.6.	0.2	0
129	Allâ€trans retinoic acid promotes fatty acid oxidation in human hepatoma (HepG2) cells (LB612). FASEB Journal, 2014, 28, LB612.	0.2	0
130	Microenvironment Induced Myelophthisis Caused By CYP26 Deficiency. Blood, 2018, 132, 1297-1297.	0.6	0
131	Interaction between dietary vitamin A, gut microbes, and host vitamin A status. FASEB Journal, 2019, 33, .	0.2	0
132	Predicting renal clearance of morphine and morphineâ€6â€glucuronide using the â€œorganâ€onâ€aâ€chipâ€• technology and physiologicallyâ€based pharmacokinetic modeling. FASEB Journal, 2020, 34, 1-1.	0.2	0
133	Arsenic Trioxide Reprograms the Bone-Marrow Microenvironment to Sensitize Minimal Residual Disease in Acute Myeloid Leukemia. Blood, 2021, 138, 1166-1166.	0.6	0