

# Paul C Ho

## List of Publications by Year in descending order

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155  
papers

8,975  
citations

38742

50  
h-index

46799

89  
g-index

158  
all docs

158  
docs citations

158  
times ranked

12644  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo photodynamic therapy using upconversion nanoparticles as remote-controlled nanotransducers. <i>Nature Medicine</i> , 2012, 18, 1580-1585.	30.7	1,299
2	Mesoporous Silica-Coated Up-Conversion Fluorescent Nanoparticles for Photodynamic Therapy. <i>Small</i> , 2009, 5, 2285-2290.	10.0	582
3	Gas chromatography/mass spectrometry in metabolic profiling of biological fluids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 871, 202-211.	2.3	260
4	Tracking transplanted cells in live animal using upconversion fluorescent nanoparticles. <i>Biomaterials</i> , 2009, 30, 5104-5113.	11.4	248
5	The Impact of Aqueous Solubility and Dose on the Pharmacokinetic Profiles of Resveratrol. <i>Pharmaceutical Research</i> , 2008, 25, 2593-2600.	3.5	172
6	Noninvasive Urinary Metabonomic Diagnosis of Human Bladder Cancer. <i>Journal of Proteome Research</i> , 2010, 9, 2988-2995.	3.7	172
7	Resveratrol for cancer therapy: Challenges and future perspectives. <i>Cancer Letters</i> , 2021, 515, 63-72.	7.2	164
8	Determination of pterostilbene in rat plasma by a simple HPLC-UV method and its application in pre-clinical pharmacokinetic study. <i>Biomedical Chromatography</i> , 2009, 23, 1308-1315.	1.7	157
9	Identification of two promiscuous T cell epitopes from tetanus toxin. <i>European Journal of Immunology</i> , 1990, 20, 477-483.	2.9	146
10	Garcinol: Current status of its anti-oxidative, anti-inflammatory and anti-cancer effects. <i>Cancer Letters</i> , 2015, 362, 8-14.	7.2	140
11	Terpenes in propylene glycol as skin-penetration enhancers: Permeation and partition of haloperidol, fourier transform infrared spectroscopy, and differential scanning calorimetry. <i>Journal of Pharmaceutical Sciences</i> , 2002, 91, 1639-1651.	3.3	139
12	Ursolic acid inhibits multiple cell survival pathways leading to suppression of growth of prostate cancer xenograft in nude mice. <i>Journal of Molecular Medicine</i> , 2011, 89, 713-727.	3.9	138
13	Intranasal administration of carbamazepine-loaded carboxymethyl chitosan nanoparticles for drug delivery to the brain. <i>Asian Journal of Pharmaceutical Sciences</i> , 2018, 13, 72-81.	9.1	132
14	Comprehensive physicochemical, pharmacokinetic and activity profiling of anti-TB agents. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 857-867.	3.0	129
15	Ursolic Acid Inhibits the Initiation, Progression of Prostate Cancer and Prolongs the Survival of TRAMP Mice by Modulating Pro-Inflammatory Pathways. <i>PLoS ONE</i> , 2012, 7, e32476.	2.5	121
16	Terpenes in ethanol: haloperidol permeation and partition through human skin and stratum corneum changes. <i>Journal of Controlled Release</i> , 2002, 81, 121-133.	9.9	108
17	Histone deacetylase inhibitors MS-275 and SAHA induced growth arrest and suppressed lipopolysaccharide-stimulated NF- $\kappa$ B p65 nuclear accumulation in human rheumatoid arthritis synovial fibroblastic E11 cells. <i>Rheumatology</i> , 2010, 49, 1447-1460.	1.9	107
18	Pharmacokinetics of pterostilbene in Sprague-Dawley rats: The impacts of aqueous solubility, fasting, dose escalation, and dosing route on bioavailability. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1015-1025.	3.3	105

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19	UDP-galactose and acetyl-CoA transporters as Plasmodium multidrug resistance genes. <i>Nature Microbiology</i> , 2016, 1, 16166.	13.3	102
20	Evaluation of the in vitro activity and in vivo bioavailability of realgar nanoparticles prepared by cryo-grinding. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 29, 35-44.	4.0	101
21	Limonene GP1/PG organogel as a vehicle in transdermal delivery of haloperidol. <i>International Journal of Pharmaceutics</i> , 2006, 311, 157-164.	5.2	97
22	Design of a Multifunctional PLGA Nanoparticulate Drug Delivery System: Evaluation of its Physicochemical Properties and Anticancer Activity to Malignant Cancer Cells. <i>Pharmaceutical Research</i> , 2009, 26, 1162-1171.	3.5	97
23	A nanocapsular combinatorial sequential drug delivery system for antiangiogenesis and anticancer activities. <i>Biomaterials</i> , 2010, 31, 7115-7123.	11.4	95
24	The medicinal use of realgar (As <sub>4</sub> S <sub>4</sub> ) and its recent development as an anticancer agent. <i>Journal of Ethnopharmacology</i> , 2011, 135, 595-602.	4.1	93
25	Urinary Metabotyping of Bladder Cancer Using Two-Dimensional Gas Chromatography Time-of-Flight Mass Spectrometry. <i>Journal of Proteome Research</i> , 2013, 12, 3865-3873.	3.7	88
26	The effects of age and sex on the disposition of acetylsalicylic acid and its metabolites. <i>British Journal of Clinical Pharmacology</i> , 1985, 19, 675-684.	2.4	87
27	Characterization of the 13-cis-retinoic acid/cyclodextrin inclusion complexes by phase solubility, photostability, physicochemical and computational analysis. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 25, 49-56.	4.0	85
28	Cytotoxicity, qualitative structure-activity relationship (QSAR), and anti-tumor activity of bismuth dithiocarbamate complexes. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 809-816.	3.5	78
29	Formulation development of transdermal dosage forms: Quantitative structure-activity relationship model for predicting activities of terpenes that enhance drug penetration through human skin. <i>Journal of Controlled Release</i> , 2007, 120, 211-219.	9.9	74
30	Wheat germ agglutinin-conjugated PLGA nanoparticles for enhanced intracellular delivery of paclitaxel to colon cancer cells. <i>International Journal of Pharmaceutics</i> , 2010, 400, 201-210.	5.2	72
31	Applications of monolithic materials for sample preparation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 87, 130-141.	2.8	72
32	2-Hydroxypropyl-beta-cyclodextrin increases aqueous solubility and photostability of all-trans-retinoic acid. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2000, 25, 265-269.	1.5	70
33	High-performance liquid chromatographic assay for catecholamines and metanephrines using fluorimetric detection with pre-column 9-fluorenylmethyloxycarbonyl chloride derivatization. <i>Biomedical Applications</i> , 2000, 749, 179-189.	1.7	69
34	Formulation and Optimization of Zinc-Pectinate Beads for the Controlled Delivery of Resveratrol. <i>AAPS PharmSciTech</i> , 2010, 11, 729-742.	3.3	69
35	Pan-HDAC inhibition by panobinostat mediates chemosensitization to carboplatin in non-small cell lung cancer via attenuation of EGFR signaling. <i>Cancer Letters</i> , 2018, 417, 152-160.	7.2	69
36	SMGA gels for the skin permeation of haloperidol. <i>Journal of Controlled Release</i> , 2005, 106, 88-98.	9.9	67

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37	Nanoparticulate Delivery System Targeted to Tumor Neovasculature for Combined Anticancer and Antiangiogenesis Therapy. <i>Pharmaceutical Research</i> , 2011, 28, 585-596.	3.5	67
38	Pterostilbene surpassed resveratrol for anti-inflammatory application: Potency consideration and pharmacokinetics perspective. <i>Journal of Functional Foods</i> , 2014, 11, 352-362.	3.4	67
39	Development and validation of a gas chromatography/mass spectrometry metabonomic platform for the global profiling of urinary metabolites. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 2984-2992.	1.5	66
40	High-performance liquid chromatography/atmospheric pressure chemical ionization mass spectrometric method for the analysis of catecholamines and metanephrines in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1959-1964.	1.5	65
41	High resolution photopolymer for 3D printing of personalised microneedle for transdermal delivery of anti-wrinkle small peptide. <i>Journal of Controlled Release</i> , 2021, 329, 907-918.	9.9	64
42	Application of silica-based monolith as solid phase extraction cartridge for extracting polar compounds from urine. <i>Talanta</i> , 2010, 82, 488-494.	5.5	61
43	<i>In Vitro</i> and <i>In Vivo</i> Comparison of Curcumin-Encapsulated Chitosan-Coated Poly(lactic-co-glycolic acid) Nanoparticles and Curcumin/Hydroxypropyl- $\beta$ -Cyclodextrin Inclusion Complexes Administered Intranasally as Therapeutic Strategies for Alzheimer's Disease. <i>Molecular Pharmaceutics</i> , 2020, 17, 4256-4269.	4.6	61
44	Population Pharmacokinetics of Tacrolimus in Whole Blood and Plasma in Asian Liver Transplant Patients. <i>Clinical Pharmacokinetics</i> , 2006, 45, 59-75.	3.5	59
45	Histone Deacetylase Inhibitors: New Hope for Rheumatoid Arthritis?. <i>Current Pharmaceutical Design</i> , 2008, 14, 803-820.	1.9	59
46	Method development and validation for rapid quantification of hydroxychloroquine in human blood using liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 61, 86-92.	2.8	59
47	Metabonomic Profiling of TASTPM Transgenic Alzheimer's Disease Mouse Model. <i>Journal of Proteome Research</i> , 2012, 11, 5903-5913.	3.7	57
48	Adherence to antiepileptic medicines in children: A multiple-methods assessment involving dried blood spot sampling. <i>Epilepsia</i> , 2013, 54, 1020-1027.	5.1	57
49	Modeling Caco-2 permeability of drugs using immobilized artificial membrane chromatography and physicochemical descriptors. <i>Journal of Chromatography A</i> , 2005, 1072, 159-168.	3.7	53
50	Self-Assembled Core-Shell Vascular-Targeted Nanocapsules for Temporal Antivasculature and Anticancer Activities. <i>Small</i> , 2010, 6, 2576-2583.	10.0	52
51	Role of serum albumin as a nanoparticulate carrier for nose-to-brain delivery of R-flurbiprofen: implications for the treatment of Alzheimer's disease. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 70, 59-69.	2.4	52
52	Anticancer properties of nimbolide and pharmacokinetic considerations to accelerate its development. <i>Oncotarget</i> , 2016, 7, 44790-44802.	1.8	51
53	Analysis of human t cell response to two plasmodium falciparum merozoite surface antigens. <i>European Journal of Immunology</i> , 1989, 19, 1797-1802.	2.9	50
54	Celastrol in cancer therapy: Recent developments, challenges and prospects. <i>Cancer Letters</i> , 2021, 521, 252-267.	7.2	50

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55	Influence of drug transporters and stereoselectivity on the brain penetration of pioglitazone as a potential medicine against Alzheimer's disease. <i>Scientific Reports</i> , 2015, 5, 9000.	3.3	48
56	A rapid HPLC method for the quantification of 3,5,4-trimethoxy-trans-stilbene (TMS) in rat plasma and its application in pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 387-392.	2.8	47
57	Population pharmacokinetics of tacrolimus in Asian paediatric liver transplant patients. <i>British Journal of Clinical Pharmacology</i> , 2000, 50, 531-541.	2.4	46
58	Fluorescent Nanogel of Arsenic Sulfide Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6282-6285.	13.8	46
59	Prevalence of drug resistant epilepsy in adults with epilepsy attending a neurology clinic of a tertiary referral hospital in Singapore. <i>Epilepsy Research</i> , 2014, 108, 1253-1262.	1.6	46
60	Glucuronidation by UGT1A1 Is the Dominant Pathway of the Metabolic Disposition of Belinostat in Liver Cancer Patients. <i>PLoS ONE</i> , 2013, 8, e54522.	2.5	46
61	Effect of some enhancers on the permeation of haloperidol through rat skin in vitro. <i>International Journal of Pharmaceutics</i> , 2001, 212, 247-255.	5.2	45
62	Evaluation of Dried Blood Spots as Sample Matrix for Gas Chromatography/Mass Spectrometry Based Metabolomic Profiling. <i>Analytical Chemistry</i> , 2011, 83, 4314-4318.	6.5	45
63	Arsenic compounds induce cytotoxicity and apoptosis in cisplatin-sensitive and -resistant gynecological cancer cell lines. <i>Cancer Chemotherapy and Pharmacology</i> , 2001, 47, 481-490.	2.3	44
64	Imaging Cells and Tissues with Refractive Index Radiology. <i>Biophysical Journal</i> , 2004, 87, 4180-4187.	0.5	44
65	Design of a pectin-based microparticle formulation using zinc ions as the cross-linking agent and glutaraldehyde as the hardening agent for colonic-specific delivery of resveratrol: In vitro and in vivo evaluations. <i>Journal of Drug Targeting</i> , 2011, 19, 446-457.	4.4	43
66	Preclinical pharmacokinetic evaluation of resveratrol trimethyl ether in sprague-dawley rats: the impacts of aqueous solubility, dose escalation, food and repeated dosing on oral bioavailability. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 4491-4500.	3.3	43
67	A Review on Liquid Chromatography-Tandem Mass Spectrometry Methods for Rapid Quantification of Oncology Drugs. <i>Pharmaceutics</i> , 2018, 10, 221.	4.5	42
68	Evaluation of degradation of urinary catecholamines and metanephrines and deconjugation of their sulfoconjugates using stability-indicating reversed-phase ion-pair HPLC with electrochemical detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 22, 515-526.	2.8	41
69	A novel combinatorial strategy using Seliciclib® and Belinostat® for eradication of non-small cell lung cancer via apoptosis induction and BID activation. <i>Cancer Letters</i> , 2016, 381, 49-57.	7.2	41
70	Metabonomic Profiling of Bladder Cancer. <i>Journal of Proteome Research</i> , 2015, 14, 587-602.	3.7	40
71	Arsenic(II) Sulfide Quantum Dots Prepared by a Wet Process from its Bulk. <i>Journal of the American Chemical Society</i> , 2008, 130, 11596-11597.	13.7	39
72	A simple and sensitive HPLC-UV method for the quantification of piceatannol analog trans-3,5,3',4'-tetramethoxystilbene in rat plasma and its application for a pre-clinical pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 679-684.	2.8	39

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73	Inclusion of Acitretin into Cyclodextrins: Phase Solubility, Photostability, and Physicochemical Characterization. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 2449-2457.	3.3	37
74	Integrin targeted drug and gene delivery. <i>Expert Opinion on Drug Delivery</i> , 2010, 7, 159-171.	5.0	35
75	Quantitation of paclitaxel in micro-sample rat plasma by a sensitive reversed-phase HPLC assay. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 283-289.	2.8	34
76	Physicochemical effects of terpenes on organogel for transdermal drug delivery. <i>International Journal of Pharmaceutics</i> , 2008, 358, 102-107.	5.2	33
77	ORIGINAL ARTICLE: Solubilization of vorinostat by cyclodextrins. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2010, 35, 521-526.	1.5	33
78	Reversible effects of permeation enhancers on human skin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 67, 149-155.	4.3	31
79	CdSe/AsS Core-Shell Quantum Dots: Preparation and Two-Photon Fluorescence. <i>Journal of the American Chemical Society</i> , 2009, 131, 11300-11301.	13.7	31
80	Rapid determination of gefitinib and its main metabolite, O-desmethyl gefitinib in human plasma using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2155-2161.	2.3	30
81	Formulation optimization of scutellarin-loaded HP- $\beta$ -CD/chitosan nanoparticles using response surface methodology with Box-Behnken design. <i>Asian Journal of Pharmaceutical Sciences</i> , 2017, 12, 378-385.	9.1	30
82	Clinical Validation and Implications of Dried Blood Spot Sampling of Carbamazepine, Valproic Acid and Phenytoin in Patients with Epilepsy. <i>PLoS ONE</i> , 2014, 9, e108190.	2.5	29
83	Gas Chromatography Time-Of-Flight Mass Spectrometry (GC-TOF-MS)-Based Metabolomics for Comparison of Caffeinated and Decaffeinated Coffee and Its Implications for Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e104621.	2.5	29
84	Development and characterization of an immobilized human organic cation transporter based liquid chromatographic stationary phase. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 818, 263-268.	2.3	28
85	Metabolic footprinting of tumorigenic and nontumorigenic uroepithelial cells using two-dimensional gas chromatography time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1285-1293.	3.7	28
86	Intranasal administration of brain-targeted HP- $\beta$ -CD/chitosan nanoparticles for delivery of scutellarin, a compound with protective effect in cerebral ischaemia. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1495-1501.	2.4	28
87	Evaluating the Relationship between Vancomycin Trough Concentration and 24-Hour Area under the Concentration-Time Curve in Neonates. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	28
88	Metabolic Profiling of CHO-A $\beta$ PP695 Cells Revealed Mitochondrial Dysfunction Prior to Amyloid- $\beta$ Pathology and Potential Therapeutic Effects of Both PPAR $\beta$ and PPAR $\delta$ Agonists for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 215-231.	2.6	25
89	Reverting Metabolic Dysfunction in Cortex and Cerebellum of APP/PS1 Mice, a Model for Alzheimer's Disease by Pioglitazone, a Peroxisome Proliferator-Activated Receptor Gamma (PPAR $\gamma$ ) Agonist. <i>Molecular Neurobiology</i> , 2019, 56, 7267-7283.	4.0	25
90	Determination of Nitrazepam and Temazepam in Plasma by High-Performance Liquid Chromatography. <i>Therapeutic Drug Monitoring</i> , 1983, 5, 303-308.	2.0	24

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91	Oxide Terpenes as Human Skin Penetration Enhancers of Haloperidol from Ethanol and Propylene Glycol and Their Modes of Action on Stratum Corneum.. Biological and Pharmaceutical Bulletin, 2003, 26, 220-228.	1.4	24
92	Evaluation of Tributyrin Lipid Emulsion with Affinity to Low-Density Lipoprotein: Pharmacokinetics in Adult Male Wistar Rats and Cellular Activity on Caco-2 and HepG2 Cell Lines. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 62-70.	2.5	24
93	The Histone Deacetylase Inhibitors MS-275 and SAHA Suppress the p38 Mitogen-Activated Protein Kinase Signaling Pathway and Chemotaxis in Rheumatoid Arthritic Synovial Fibroblastic E11 Cells. Molecules, 2013, 18, 14085-14095.	3.8	24
94	Kinetic Study of a 2- $\beta$ -Hydroxypropyl- $\alpha$ -D-Glucopyranoside-Based Formulation of all- <i>trans</i> -Retinoic Acid in Sprague-Dawley Rats After Oral or Intravenous Administration. , 2000, 89, 260-267.		23
95	Speciation of inorganic and methylated arsenic compounds by capillary zone electrophoresis with indirect UV detection. Journal of Chromatography A, 2004, 1026, 261-270.	3.7	23
96	Quantification of pinosylvin in rat plasma by liquid chromatography-tandem mass spectrometry: Application to a pre-clinical pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 931, 68-74.	2.3	23
97	Pharmacokinetics-Pharmacodynamics Analysis of Bicyclic 4-Nitroimidazole Analogs in a Murine Model of Tuberculosis. PLoS ONE, 2014, 9, e105222.	2.5	23
98	Poly (ethylene glycol)-block-poly (D, L-lactide) (PEG-PLA) micelles for brain delivery of baicalein through nasal route for potential treatment of neurodegenerative diseases due to oxidative stress and inflammation: An in vitro and in vivo study. International Journal of Pharmaceutics, 2020, 591, 119981.	5.2	23
99	A novel dextran-oleate-cRGDFK conjugate for self-assembly of nanodrug. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 194-203.	3.3	22
100	Comparison of the in vitro and in vivo effects of retinoids either alone or in combination with cisplatin and 5-fluorouracil on tumor development and metastasis of melanoma. Cancer Chemotherapy and Pharmacology, 2008, 63, 167-174.	2.3	21
101	Comparing the Relative Oxidative DNA Damage Caused by Various Arsenic Species by Quantifying Urinary Levels of 8-Hydroxy-2-Deoxyguanosine with Isotope-Dilution Liquid Chromatography/Mass Spectrometry. Pharmaceutical Research, 2009, 26, 1525-1533.	3.5	20
102	DRUG THERAPY IN THE ELDERLY. Australian and New Zealand Journal of Medicine, 1984, 14, 179-190.	0.5	19
103	Isobolographic analysis of the analgesic interactions between ketamine and tramadol. Journal of Pharmacy and Pharmacology, 2010, 54, 623-631.	2.4	19
104	Evaluation of meisoindigo, an indirubin derivative: in vitro antileukemic activity and in vivo pharmacokinetics. International Journal of Oncology, 2014, 45, 1724-1734.	3.3	19
105	Repurposing Artemisinin and its Derivatives as Anticancer Drugs: A Chance or Challenge?. Frontiers in Pharmacology, 2021, 12, 828856.	3.5	19
106	Biopharmaceutics of 13-cis-retinoic acid (isotretinoin) formulated with modified $\beta$ -cyclodextrins. International Journal of Pharmaceutics, 2007, 341, 238-245.	5.2	18
107	Evaluation of the Pharmacokinetics of All- <i>Trans</i> -Retinoic Acid (ATRA) in Wistar Rats After Intravenous Administration of ATRA Loaded into Tributyrin Submicron Emulsion and its Cellular Activity on Caco-2 and HepG2 Cell Lines. Journal of Pharmaceutical Sciences, 2008, 97, 2844-2853.	3.3	18
108	Quantification of oxyresveratrol analog <i>trans</i> -2,4,3,5-tetramethoxystilbene in rat plasma by a rapid HPLC method: application in a pre-clinical pharmacokinetic study. Biomedical Chromatography, 2010, 24, 1373-1378.	1.7	18

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109	Identification of metabolites of meisoindigo in rat, pig and human liver microsomes by UFLC-MS/MS. <i>Biochemical Pharmacology</i> , 2009, 77, 1418-1428.	4.4	17
110	Estimation and comparison of carbamazepine population pharmacokinetics using dried blood spot and plasma concentrations from people with epilepsy: The clinical implication. <i>Journal of Clinical Pharmacology</i> , 2014, 54, 225-233.	2.0	17
111	Functional effects of berberine in modulating mitochondrial dysfunction and inflammatory response in the respective amyloidogenic cells and activated microglial cells – In vitro models simulating Alzheimer's disease pathology. <i>Life Sciences</i> , 2021, 282, 119824.	4.3	17
112	Determination of tributyrin and its metabolite butyrate in Wistar rat plasma samples by gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2217-2222.	1.5	16
113	Pharmacokinetic-Pharmacodynamic Analysis of Spiroindolone Analogs and KAE609 in a Murine Malaria Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1200-1210.	3.2	15
114	Effects of ingredients on stability of captopril in extemporaneously prepared oral liquids. <i>American Journal of Health-System Pharmacy</i> , 1997, 54, 2483-2487.	1.0	14
115	Determination of Z-3,5,4-trimethoxystilbene in rat plasma by a simple HPLC method: Application in a pre-clinical pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 693-697.	2.8	14
116	Extraction of ketamine from urine using a miniature silica monolithic cartridge followed by quantification with liquid chromatography tandem mass spectrometry (LC-MS/MS). <i>Journal of Separation Science</i> , 2011, 34, 1041-1046.	2.5	14
117	Efficiency of a miniaturized silica monolithic cartridge in reducing matrix ions as demonstrated in the simultaneous extraction of morphine and codeine from urine samples for quantification with liquid chromatography-tandem mass spectrometry (LC-MS/MS). <i>Journal of Mass Spectrometry</i> , 2011, 46, 891-900.	1.6	14
118	Quantification of arsenic compounds using derivatization, solvent extraction and liquid chromatography electrospray ionization tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1381-1391.	2.8	13
119	Synergistic effects of suberoylanilide hydroxamic acid combined with cisplatin causing cell cycle arrest independent apoptosis in platinum-resistant ovarian cancer cells. <i>International Journal of Oncology</i> , 2012, 40, 1705-13.	3.3	13
120	Determination of trans-2,4,3,4,5-pentamethoxystilbene in rat plasma and its application to a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 57, 94-98.	2.8	13
121	Metabolic Profiling of Female Tg2576 Mouse Brains Provides Novel Evidence Supporting Intranasal Low-Dose Pioglitazone for Long-Term Treatment at an Early Stage of Alzheimer's Disease. <i>Biomedicines</i> , 2020, 8, 589.	3.2	13
122	Effect of Cetrimide and Ascorbic Acid on in Vitro Human Skin Permeation of Haloperidol. <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 1395-1400.	1.3	12
123	Quantification of trans-3,4,5,4-Tetramethoxystilbene in Rat Plasma by HPLC: Application to Pharmacokinetic Study. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 1072-1077.	5.2	12
124	Microarray analysis revealed dysregulation of multiple genes associated with chemoresistance to As <sub>2</sub> O <sub>3</sub> and increased tumor aggressiveness in a newly established arsenic-resistant ovarian cancer cell line, OVCAR-3/AsR. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 45, 367-378.	4.0	12
125	Preparation of Tributyrin Emulsion and Characterization of the Binding of the Emulsion Particles to Low-Density Lipoprotein in vitro. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 1755-1765.	3.3	11
126	A retrospective study on the usage of antiepileptic drugs in Asian children from 2000 to 2009 in the largest pediatric hospital in Singapore. <i>Pharmacoepidemiology and Drug Safety</i> , 2012, 21, 1074-1080.	1.9	11



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127	Application for proteomics analysis technology in studying animal-derived traditional Chinese medicine: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113609.	2.8	11
128	Validation of a Rapid and Sensitive LC-MS/MS Method for Determination of Exemestane and Its Metabolites, 17 $\beta$ -Hydroxyexemestane and 17 $\beta$ -Hydroxyexemestane-17-O- $\beta$ -D-Glucuronide: Application to Human Pharmacokinetics Study. <i>PLoS ONE</i> , 2015, 10, e0118553.	2.5	11
129	Antiproliferative Activity Against MCF-7 Breast Cancer Cells by Diamino-Triazaspirodiene Antifolates. <i>Chemical Biology and Drug Design</i> , 2009, 74, 322-326.	3.2	10
130	Differential augmentative effects of buthionine sulfoximine and ascorbic acid in As <sub>2</sub> O <sub>3</sub> -induced ovarian cancer cell death: Oxidative stress-independent and -dependent cytotoxic potentiation. <i>International Journal of Oncology</i> , 2011, 38, 1731-9.	3.3	10
131	Interaction of Oxazaphosphorines with Multidrug Resistance-Associated Protein 4 (MRP4). <i>AAPS Journal</i> , 2010, 12, 300-308.	4.4	9
132	Polymer-coated microparticles for the sustained release of nitrofurantoin. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 54, 1205-1212.	2.4	9
133	LC Determination of trans-3,5,3',4',5'-Pentamethoxystilbene in Rat Plasma. <i>Chromatographia</i> , 2010, 72, 827-832.	1.3	9
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