Yan Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8472411/publications.pdf

Version: 2024-02-01

79	2,690	186265	182427
papers	citations	28 h-index	51 g-index

79	79	79	3951
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Downregulation of Dihydrotestosterone and Estradiol Levels by HEXIM1. Endocrinology, 2022, 163, .	2.8	1
2	Metabolomics analyses of traditional Chinese medicine formula Shuang Huang Lian by UHPLC-QTOF-MS/MS. Chinese Medicine, 2022, 17, .	4.0	3
3	Phase I clinical trial of temozolomide and methoxyamine (TRC-102), an inhibitor of base excision repair, in patients with advanced solid tumors. Investigational New Drugs, 2021, 39, 142-151.	2.6	4
4	An LCâ€“MS/MS method for determination of O 6 â€benzylguanine and its metabolite O 6 â€benzylâ€8â€oxoguanine in human plasma. Biomedical Chromatography, 2020, 34, e4750.	1.7	0
5	A New Strategy of Overcoming both Matrix Effect and Shortage of Reference Standards for Determination of Multi-components in the Rhizomes of Alpinia officinarum Hance Using UHPLC-MS/MS with Single Exogenous Internal Standard. Food Analytical Methods, 2020, 13, 1867-1878.	2.6	2
6	5-Fluorouracil Enhances the Antitumor Activity of the Glutaminase Inhibitor CB-839 against PIK3CA-Mutant Colorectal Cancers. Cancer Research, 2020, 80, 4815-4827.	0.9	49
7	Unraveling the Molecular Mechanisms of Fructus Anisi Stellati as a Remedy for Infantile Colic by Network Pharmacology. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-9.	1.2	5
8	Anti-Helicobacter pylori-associated gastritis effect of the ethyl acetate extract of Alpinia officinarum Hance through MAPK signaling pathway. Journal of Ethnopharmacology, 2020, 260, 113100.	4.1	8
9	A Selective Fluorogenic Peptide Substrate for the Human Mitochondrial ATPâ€Dependent Protease Complex ClpXP. ChemBioChem, 2020, 21, 2037-2048.	2.6	2
10	A Proteolytic Siteâ€Directed Affinity Label to Inhibit the Human ATPâ€Dependent Protease Caseinolytic Complex XP. ChemBioChem, 2020, 21, 2049-2059.	2.6	0
11	Tracking Decitabine Incorporation into Malignant Myeloid Cell DNA in vitro and in vivo by LC-MS/MS with Enzymatic Digestion. Scientific Reports, 2019, 9, 4558.	3.3	13
12	Analysis of oxygen-18 labeled phosphate to study positional isotope experiments using LC-QTOF-MS. Analytical Biochemistry, 2019, 566, 62-66.	2.4	1
13	Development and validation of an LCâ€“MS/MS method for quantitative determination of GS87, a novel antineoplastic agent, in mouse plasma. Journal of Pharmaceutical and Biomedical Analysis, 2018, 153, 145-151.	2.8	1
14	Microwave-assisted enzymatic hydrolysis of DNA for mass spectrometric analysis: A new strategy for accelerated hydrolysis. Analytical Biochemistry, 2018, 546, 28-34.	2.4	7
15	RNF126 as a Biomarker of a Poor Prognosis in Invasive Breast Cancer and CHEK1 Inhibitor Efficacy in Breast Cancer Cells. Clinical Cancer Research, 2018, 24, 1629-1643.	7.0	30
16	An LCâ€“MS/MS method for simultaneous determination of curcumin, curcumin glucuronide and curcumin sulfate in a phase II clinical trial. Journal of Pharmaceutical and Biomedical Analysis, 2018, 156, 189-198.	2.8	61
17	Simultaneous determination of dihydrotestosterone and its metabolites in mouse sera by LC-MS/MS with chemical derivatization. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1090, 22-35.	2.3	11
18	A rapid and sensitive LCâ€“MS/MS method for quantitative analysis of cardiolipin (18:2)4 in human leukocytes and mouse skeletal muscles. Journal of Pharmaceutical and Biomedical Analysis, 2018, 158, 386-394.	2.8	3

#	Article	IF	Citations
19	A Phase II Study of Curcumin and Vitamin D in Previously Untreated Patients with Early Stage Chronic Lymphocytic Leukemia (CLL) or Small Lymphocytic Lymphoma (SLL). Blood, 2018, 132, 1875-1875.	1.4	3
20	Determination of fatty acid methyl esters derived from algaeScenedesmus dimorphusbiomass by GC-MS with one-step esterification of free fatty acids and transesterification of glycerolipids. Journal of Separation Science, 2017, 40, 2214-2227.	2.5	11
21	Determination of MLN0128, an investigational antineoplastic agent, in human plasma by LCâ€“MS/MS. Biomedical Chromatography, 2017, 31, e3818.	1.7	1
22	Fucosylation Deficiency in Mice Leads to Colitis andÂAdenocarcinoma. Gastroenterology, 2017, 152, 193-205.e10.	1.3	48
23	Utilization of Mechanistic Enzymology to Evaluate the Significance of ADP Binding to Human Lon Protease. Frontiers in Molecular Biosciences, 2017, 4, 47.	3.5	3
24	Phase I clinical trial of the base excision repair inhibitor methoxyamine in combination with fludarabine for patients with advanced hematologic malignancies. Oncotarget, 2017, 8, 79864-79875.	1.8	15
25	Oncogenic PIK3CA mutations reprogram glutamine metabolism in colorectal cancer. Nature Communications, 2016, 7, 11971.	12.8	203
26	Novel Protein Disulfide Isomerase Inhibitor with Anticancer Activity in Multiple Myeloma. Cancer Research, 2016, 76, 3340-3350.	0.9	90
27	Inhibition of uracil DNA glycosylase sensitizes cancer cells to 5-fluorodeoxyuridine through replication fork collapse-induced DNA damage. Oncotarget, 2016, 7, 59299-59313.	1.8	21
28	Targeting radioresistant breast cancer cells by single agent CHK1 inhibitor via enhancing replication stress. Oncotarget, 2016, 7, 34688-34702.	1.8	27
29	Determination of triapine, a ribonucleotide reductase inhibitor, in human plasma by liquid chromatography tandem mass spectrometry. Biomedical Chromatography, 2015, 29, 1380-1387.	1.7	5
30	Phase I clinical trial of temozolomide and methoxyamine (TRC-102) in patients with advanced solid tumors.. Journal of Clinical Oncology, 2015, 33, 2558-2558.	1.6	2
31	DEVELOPMENT OF A LIQUID CHROMATOGRAPHIC METHOD FOR QUANTITATIVE DETERMINATION OF TRIAPINE, A RIBONUCLEOTIDE REDUCTASE INHIBITOR, BY SPECTROPHOTOMETRIC STUDY OF TRIAPINE COMPLEXATION REACTION. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 1351-1372.	1.0	1
32	Development and validation of LCâ€“MS/MS method for quantitative determination of (â^')-securinine in mouse plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 960, 19-26.	2.3	3
33	A kinetic analysis of the inhibition of FOX-4 Â-lactamase, a plasmid-mediated AmpC cephalosporinase, by monocyclic Â-lactams and carbapenems. Journal of Antimicrobial Chemotherapy, 2014, 69, 682-690.	3.0	24
34	Reclaiming the Efficacy of Î²-Lactamâ€“Î²-Lactamase Inhibitor Combinations: Avibactam Restores the Susceptibility of CMY-2-Producing Escherichia coli to Ceftazidime. Antimicrobial Agents and Chemotherapy, 2014, 58, 4290-4297.	3.2	35
35	Phase I Trial of the Base â€“ Excision Repair Blocker Methoxyamine (TRC-102) Combined with Fludarabine in Relapsed/Refractory Chronic Lymphocytic Leukemia (CLL) and Lymphoid Malignancies. Blood, 2014, 124, 4688-4688.	1.4	2
36	Synthesis and Anticancer Mechanism Investigation of Dual Hsp27 and Tubulin Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 5306-5320.	6.4	30

#	Article	IF	Citations
37	Development and Characterization of a Non-natural Nucleoside that Displays Anticancer Activity Against Solid Tumors. ACS Chemical Biology, 2013, 8, 2452-2465.	3.4	7
38	A phase 1 study of TRC102, an inhibitor of base excision repair, and pemetrexed in patients with advanced solid tumors. Investigational New Drugs, 2013, 31, 714-723.	2.6	28
39	Can Inhibitor-Resistant Substitutions in the Mycobacterium tuberculosis Î²-Lactamase BlaC Lead to Clavulanate Resistance?: a Biochemical Rationale for the Use of Î²-Lactamâ€“Î²-Lactamase Inhibitor Combinations. Antimicrobial Agents and Chemotherapy, 2013, 57, 6085-6096.	3.2	35
40	Voltage-controlled enzyme-catalyzed glucoseâ€“gluconolactone conversion using a field-effect enzymatic detector. Physical Chemistry Chemical Physics, 2013, 15, 20134.	2.8	6
41	Design and Exploration of Novel Boronic Acid Inhibitors Reveals Important Interactions with a Clavulanic Acid-Resistant Sulfhydryl-Variable (SHV) Î²-Lactamase. Journal of Medicinal Chemistry, 2013, 56, 1084-1097.	6.4	40
42	Î²-Lactamase Inhibition by 7-Alkylidenecephalosporin Sulfones: Allylic Transposition and Formation of an Unprecedented Stabilized Acyl-Enzyme. Journal of the American Chemical Society, 2013, 135, 18358-18369.	13.7	18
43	Understanding the Molecular Determinants of Substrate and Inhibitor Specificities in the Carbapenemase KPC-2: Exploring the Roles of Arg220 and Glu276. Antimicrobial Agents and Chemotherapy, 2012, 56, 4428-4438.	3.2	51
44	Exploring the Role of a Conserved Class A Residue in the Î©-Loop of KPC-2 Î²-Lactamase. Journal of Biological Chemistry, 2012, 287, 31783-31793.	3.4	84
45	Identification of a Class of Novel Tubulin Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 3425-3435.	6.4	30
46	Development and validation of an LCâ€“MS/MS method for pharmacokinetic study of methoxyamine in phase I clinical trial. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 901, 25-33.	2.3	5
47	Tissue sample preparation in bioanalytical assays. Bioanalysis, 2012, 4, 741-749.	1.5	39
48	From COX-2 inhibitor nimesulide to potent anti-cancer agent: Synthesis, inÂvitro, inÂvivo and pharmacokinetic evaluation. European Journal of Medicinal Chemistry, 2012, 47, 432-444.	5.5	53
49	Abstract 1743: Phase 1 clinical trial of the base-excision repair inhibitor Methoxyamine-HCl (TRC102;) Tj ETQq1 1 0.784314 rgBT /Overlo 1743-1743.	0.9	2
50	Abstract 753: Pharmacokinetic profile of the base-excision repair inhibitor methoxyamine-HCl (TRC102;) Tj ETQq0 0 0 rgBT /Overlock 10 clinical trial. , 2012, , .		2
51	Design and synthesis of a biotinylated probe of COX-2 inhibitor nimesulide analog JCC76. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5324-5327.	2.2	10
52	Determination of hexamethylene bisacetamide, an antineoplastic compound, in mouse and human plasma by LCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 2206-2212.	2.3	6
53	Abstract 5454: Drug effect analysis of methoxyamine through quantifying the drug on its therapeutic target. , 2011, , .		0
54	Abstract A104: Removal of uracil by uracil DNA glycosylase limits pemetrexed cytotoxicity: Overriding the limit with methoxyamine (TRC102) to inhibit base excision repair.. , 2011, , .		0

#	Article	IF	Citations
55	DNMT1 Stability Is Regulated by Proteins Coordinating Deubiquitination and Acetylation-Driven Ubiquitination. Science Signaling, 2010, 3, ra80.	3.6	278
56	Determination of 6-benzylthioinosine in mouse and human plasma by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 3871-3877.	2.3	1
57	Quantitative Determination of Cannabinoid Receptor Antagonist Surinabant in Human Plasma by LC-UV and LC-ESI-MS/MS Methods. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 2424-2436.	1.0	1
58	Determination of endocannabinoid receptor antagonist SR141716 (rimonabant) in plasma by liquid chromatograph tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 863, 258-265.	2.3	19
59	Development and validation of an HPLCâ€“UV method for the analysis of methoxyamine using 4-(diethylamino)benzaldehyde as a derivatizing agent. Journal of Pharmaceutical and Biomedical Analysis, 2005, 39, 724-729.	2.8	1
60	A Simple and Quantitative Method for Analysis of Methoxyamine by Capillary Zone Electrophoresis. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 2433-2443.	1.0	2
61	Determination of Genistein and Daidzein in Human Plasma by Liquid Chromatography and Tandem Mass Spectrometry. Journal of Liquid Chromatography and Related Technologies, 2004, 27, 481-499.	1.0	7
62	Rapid analysis of docetaxel in human plasma by tandem mass spectrometry with on-line sample extraction. Journal of Pharmaceutical and Biomedical Analysis, 2004, 36, 125-131.	2.8	34
63	Measurement of the anticancer agent gemcitabine and its deaminated metabolite at low concentrations in human plasma by liquid chromatography-mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 802, 263-270.	2.3	31
64	Liquid chromatographyâ€“mass spectrometry method for the analysis of the anti-cancer agent capecitabine and its nucleoside metabolites in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 783, 273-285.	2.3	47
65	Measurement of the anti-cancer agent gemcitabine in human plasma by high-performance liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 785, 65-72.	2.3	33
66	Measurement of anti-cancer agent methoxyamine in plasma by tandem mass spectrometry with on-line sample extraction. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 795, 295-307.	2.3	9
67	ISOLATION AND QUANTITATION OF PLASMA LYSOPHOSPHATIDIC ACIDS BY SOLID-PHASE EXTRACTION AND CAPILLARY ELECTROPHORESIS. Journal of Liquid Chromatography and Related Technologies, 2002, 25, 843-855.	1.0	10
68	Rapid determination of serum melatonin by ESIâ€“MSâ€“MS with direct sample injection. Journal of Pharmaceutical and Biomedical Analysis, 2002, 30, 781-790.	2.8	38
69	Simultaneous determination of enantiomers of structurally related anticholinergic analogs in human serum by liquid chromatographyâ€“electrospray ionization mass spectrometry with on-line sample cleanup. Biomedical Applications, 2001, 762, 181-192.	1.7	26
70	Determination of lysophosphatidic acids by capillary electrophoresis with indirect ultraviolet detection. Biomedical Applications, 2001, 753, 355-363.	1.7	34
71	Evaluation of Plasma Lysophospholipids for Diagnostic Significance Using Electrospray Ionization Mass Spectrometry (ESIâ€MS) Analyses. Annals of the New York Academy of Sciences, 2000, 905, 242-259.	3.8	150
72	Stereoselective determination of trihexyphenidyl in human serum by LCâ€“ESIâ€“MS. Journal of Pharmaceutical and Biomedical Analysis, 1999, 21, 507-517.	2.8	17

#	Article	IF	Citations
73	Selective Determination of a Group of Organic Compounds in Complex Sample Matrixes by LC/MIMS with On-Line Immunoaffinity Extraction. Analytical Chemistry, 1998, 70, 931-935.	6.5	36
74	Michaelis-Menten Analysis of Alkaline Phosphatase by Capillary Electrophoresis Using Plug-Plug Reaction. Journal of Liquid Chromatography and Related Technologies, 1998, 21, 2781-2797.	1.0	25
75	Lysophosphatidic Acid as a Potential Biomarker for Ovarian and Other Gynecologic Cancers. JAMA - Journal of the American Medical Association, 1998, 280, 719.	7.4	570
76	Enhancing the performance of membrane introduction mass spectrometry by organic carrier and liquid chromatographic separation. Analytica Chimica Acta, 1997, 337, 165-172.	5.4	8
77	Indirect ultraviolet detection of biologically relevant organic acids by capillary electrophoresis. Biomedical Applications, 1996, 679, 49-59.	1.7	42
78	Capillary Electrophoretic Enzyme Immunoassay for Digoxin in Human Serum. Analytical Chemistry, 1995, 67, 3211-3218.	6.5	42
79	Electrochemical enzyme immunoassay using sequential saturation technique in a 20-Î¼l capillary: digoxin as a model analyte. Analytica Chimica Acta, 1994, 287, 253-258.	5.4	88