

Wei Zhang

List of Publications by Year in descending order

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44
papers

977
citations

471061

17
h-index

454577

30
g-index

44
all docs

44
docs citations

44
times ranked

1951
citing authors

#	ARTICLE	IF	CITATIONS
1	The Four-Herb Chinese Medicine PHY906 Reduces Chemotherapy-Induced Gastrointestinal Toxicity. <i>Science Translational Medicine</i> , 2010, 2, 45ra59.	5.8	282
2	Identification of chemicals and their metabolites from PHY906, a Chinese medicine formulation, in the plasma of a patient treated with irinotecan and PHY906 using liquid chromatography/tandem mass spectrometry (LC/MS/MS). <i>Journal of Chromatography A</i> , 2010, 1217, 5785-5793.	1.8	69
3	Quantitative Evaluation of the Compatibility Effects of Huangqin Decoction on the Treatment of Irinotecan-Induced Gastrointestinal Toxicity Using Untargeted Metabolomics. <i>Frontiers in Pharmacology</i> , 2017, 8, 211.	1.6	54
4	Determination of metacrate in water samples using dispersive liquid-liquid microextraction and HPLC with the aid of response surface methodology and experimental design. <i>Analytica Chimica Acta</i> , 2008, 625, 28-34.	2.6	45
5	Analysis of deoxyribonucleotide pools in human cancer cell lines using a liquid chromatography coupled with tandem mass spectrometry technique. <i>Biochemical Pharmacology</i> , 2011, 82, 411-417.	2.0	40
6	Thalidazine, a novel AMPK activator, eliminates apoptosis-resistant cancer cells through energy-mediated autophagic cell death. <i>Oncotarget</i> , 2017, 8, 30077-30091.	0.8	34
7	Quantitation of Irinotecan and its two major metabolites using a liquid chromatography-electrospray ionization tandem mass spectrometric. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3038-3044.	1.2	31
8	Quantitation of paclitaxel and its two major metabolites using a liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2018-2022.	1.2	30
9	HuangQin Decoction Attenuates CPT-11-Induced Gastrointestinal Toxicity by Regulating Bile Acids Metabolism Homeostasis. <i>Frontiers in Pharmacology</i> , 2017, 8, 156.	1.6	28
10	Effects of karanjin on cell cycle arrest and apoptosis in human A549, HepG2 and HL-60 cancer cells. <i>Biological Research</i> , 2015, 48, 40.	1.5	27
11	Application of two-dimensional near-infrared (2D-NIR) correlation spectroscopy to the discrimination of three species of <i>Dendrobium</i> . <i>Journal of Chemometrics</i> , 2009, 23, 463-470.	0.7	21
12	Comparison of two exploratory data analysis methods for classification of <i>Phyllanthus</i> chemical fingerprint: unsupervised vs. supervised pattern recognition technologies. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1389-1401.	1.9	21
13	Exploring the Antitumor Mechanism of High-Dose Cytarabine through the Metabolic Perturbations of Ribonucleotide and Deoxyribonucleotide in Human Promyelocytic Leukemia HL-60 Cells. <i>Molecules</i> , 2017, 22, 499.	1.7	20
14	Sodium Butyrate-Modulated Mitochondrial Function in High-Insulin Induced HepG2 Cell Dysfunction. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	1.9	19
15	Metabolomic study of Chinese medicine Huang Qin decoction as an effective treatment for irinotecan-induced gastrointestinal toxicity. <i>RSC Advances</i> , 2015, 5, 26420-26429.	1.7	18
16	Rh2E2, a novel metabolic suppressor, specifically inhibits energy-based metabolism of tumor cells. <i>Oncotarget</i> , 2016, 7, 9907-9924.	0.8	18
17	Stochastic resonance is applied to quantitative analysis for weak chromatographic signal of glyburide in plasma. <i>Analytica Chimica Acta</i> , 2005, 550, 77-81.	2.6	17
18	Liver metabolomics study reveals protective function of <i>Phyllanthus urinaria</i> against CCl ₄ -induced liver injury. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 525-533.	0.7	17

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19	Stochastic resonance is applied to quantitative analysis for weak chromatographic signal of roxithromycin in beagle dog plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 831, 307-312.	1.2	16
20	Immunomodulatory Effect of Flavonoids of Blueberry (<i>Vaccinium corymbosum</i> L.) Leaves via the NF- κ B Signal Pathway in LPS-Stimulated RAW 264.7 Cells. <i>Journal of Immunology Research</i> , 2017, 2017, 1-7.	0.9	16
21	Application of artificial neural network to investigate the effects of 5-fluorouracil on ribonucleotides and deoxyribonucleotides in HepG2 cells. <i>Scientific Reports</i> , 2015, 5, 16861.	1.6	15
22	Stochastic resonance is applied to quantitative analysis for weak chromatographic signal of Sudan I. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 359, 620-623.	0.9	14
23	The contribution of CMP kinase to the efficiency of DNA repair. <i>Cell Cycle</i> , 2015, 14, 354-363.	1.3	12
24	Quantitation of phlorizin and phloretin using an ultra high performance liquid chromatography-electrospray ionization tandem mass spectrometric method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 960, 67-72.	1.2	11
25	Disruption of the mevalonate pathway induces dNTP depletion and DNA damage. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1240-1253.	1.2	11
26	Profiling ribonucleotide and deoxyribonucleotide pools perturbed by gemcitabine in human non-small cell lung cancer cells. <i>Scientific Reports</i> , 2016, 6, 37250.	1.6	10
27	Bioconcentration and Metabolism of Emodin in Zebrafish Eleutheroembryos. <i>Frontiers in Pharmacology</i> , 2017, 8, 453.	1.6	10
28	A Duffing oscillator algorithm to detect the weak chromatographic signal. <i>Analytica Chimica Acta</i> , 2007, 585, 55-59.	2.6	9
29	Chemistry and biological activities of hetisine-type diterpenoid alkaloids. <i>RSC Advances</i> , 2021, 11, 36023-36033.	1.7	9
30	Single-well Potential Stochastic Resonance Applied to Quantitative Analysis for Weak Chromatographic Signals of Sudan IV. <i>Analytical Letters</i> , 2007, 40, 2415-2424.	1.0	6
31	HPLC-MS/MS method for the determination of four lignans from <i>Phyllanthus urinaria</i> L. in rat plasma and its application. <i>Bioanalysis</i> , 2015, 7, 701-712.	0.6	6
32	Determination of Oxymatrine in Human Plasma by LC-MS and Study on its Pharmacokinetics. <i>Journal of Chromatographic Science</i> , 2008, 46, 529-533.	0.7	5
33	Effect of <i>Phyllanthus amarus</i> Extract on 5-Fluorouracil-Induced Perturbations in Ribonucleotide and Deoxyribonucleotide Pools in HepG2 Cell Line. <i>Molecules</i> , 2016, 21, 1254.	1.7	5
34	A material-basis study of Aloe vera on the wnt/ β 2-catenin signaling pathway using a knockin/knockout method with high-speed countercurrent chromatography. <i>RSC Advances</i> , 2017, 7, 38819-38829.	1.7	5
35	Immobilization of cell membrane onto a glucose-Zn-based porous coordination polymer and its application to rapid screening of potentially active compounds from <i>Vaccinium corymbosum</i> L. leaves. <i>Mikrochimica Acta</i> , 2020, 187, 630.	2.5	5
36	Determination of corilagin in rat plasma using a liquid chromatography-electrospray ionization tandem mass spectrometric method. <i>Biomedical Chromatography</i> , 2015, 29, 1553-1558.	0.8	4

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37	A pseudo-kinetics approach for time-series metabolomics investigations: more reliable and sensitive biomarkers revealed in vincristine-induced paralytic ileus rats. <i>RSC Advances</i> , 2016, 6, 54471-54478.	1.7	4
38	Profiling of ribonucleotides and deoxyribonucleotides pools in response to DNA damage and repair induced by methyl methanesulfonate in cancer and normal cells. <i>Oncotarget</i> , 2017, 8, 101707-101719.	0.8	4
39	Improving the detection sensitivity of chromatography by stochastic resonance. <i>Analyst</i> , 2014, 139, 2099-2107.	1.7	3
40	Oriented Layered Graphene Oxide Pad Favoring High Loading Capacity and Stability for High-Throughput Chemical Screening. <i>Advanced Materials Technologies</i> , 0, , 2101586.	3.0	3
41	Quantitation of kudinoside A, kudinoside D and kudinoside F in human plasma using a high performance liquid chromatography-electrospray ionization tandem mass spectrometric method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 972, 1-5.	1.2	1
42	Quantitation of ligupurpurosides B and C in rat plasma using HPLC-MS/MS. <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 473-480.	0.7	1
43	Quantitation of camellianin A in HepG2 cells using a high performance liquid chromatography-electrospray ionization tandem mass spectrometric method. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 234-240.	0.7	1
44	High-performance Liquid Chromatography Method for the Determination of Mycophenolic Acid in Human Plasma and Application to a Pharmacokinetic Study of Mycophenolic Acid Dispersible Tablet. <i>Arzneimittelforschung</i> , 2008, 58, 348-352.	0.5	0