

# Wei-dong Li

## List of Publications by Year in descending order

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68  
papers

1,044  
citations

471061

17  
h-index

552369

26  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical targeted hepatocyte mitochondrial multifunctional chitosan nanoparticles for anticancer drug delivery. <i>Biomaterials</i> , 2015, 52, 240-250.	5.7	84
2	Mitochondria-targeted drug delivery system for cancer treatment. <i>Journal of Drug Targeting</i> , 2016, 24, 492-502.	2.1	63
3	An injectable peptide hydrogel with excellent self-healing ability to continuously release salvianolic acid B for myocardial infarction. <i>Biomaterials</i> , 2021, 274, 120855.	5.7	47
4	Positive skeletal effect of two ingredients of <i>Psoralea corylifolia</i> L. on estrogen deficiency-induced osteoporosis and the possible mechanisms of action. <i>Molecular and Cellular Endocrinology</i> , 2015, 417, 103-113.	1.6	41
5	Rhein reverses doxorubicin resistance in SMMC-7721 liver cancer cells by inhibiting energy metabolism and inducing mitochondrial permeability transition pore opening. <i>BioFactors</i> , 2019, 45, 85-96.	2.6	35
6	Tumor-Cell-Surface Adherable Peptide-Drug Conjugate Prodrug Nanoparticles Inhibit Tumor Metastasis and Augment Treatment Efficacy. <i>Nano Letters</i> , 2020, 20, 4153-4161.	4.5	31
7	Development of an HPLC Method for Absolute Quantification and QAMS of Flavonoids Components in <i>Psoralea corylifolia</i> L. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-7.	0.7	30
8	Xanthatin anti-tumor cytotoxicity is mediated via glycogen synthase kinase-3 $\beta$ and $\beta$ -catenin. <i>Biochemical Pharmacology</i> , 2016, 115, 18-27.	2.0	28
9	Global and untargeted metabolomics evidence of the protective effect of different extracts of <i>Dipsacus asper</i> Wall. ex C.B. Clarke on estrogen deficiency after ovariectomy in rats. <i>Journal of Ethnopharmacology</i> , 2017, 199, 20-29.	2.0	27
10	Simultaneous quantification of 5 main components of <i>Psoralea corylifolia</i> L. in rats' plasma by utilizing ultra high pressure liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1011, 128-135.	1.2	26
11	Rapid characterization and determination of isoflavones and triterpenoid saponins in Fu-Zhu-Jiang-Tang tablets using UHPLC-Q-TOF/MS and HPLC-UV. <i>Analytical Methods</i> , 2016, 8, 4211-4219.	1.3	24
12	Quality assessment of raw and processed <i>Arctium lappa</i> L. through multicomponent quantification, chromatographic fingerprint, and related chemometric analysis. <i>Journal of Separation Science</i> , 2015, 38, 1491-1498.	1.3	23
13	Pharmacokinetic comparisons of six components from raw and vinegar-processed <i>Daphne genkwa</i> aqueous extracts following oral administration in rats by employing UHPLC-MS/MS approaches. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1079, 34-40.	1.2	20
14	From Nanofibers to Nanorods: Nanostructure of Peptide-Drug Conjugates Regulated by Polypeptide-PEG Derivative and Enhanced Antitumor Effect. <i>Advanced Functional Materials</i> , 2019, 29, 1806058.	7.8	20
15	Quality evaluation of raw and processed <i>Crataegi Fructus</i> by color measurement and fingerprint analysis. <i>Journal of Separation Science</i> , 2018, 41, 582-589.	1.3	19
16	Research Progress on Cell Membrane-Coated Biomimetic Delivery Systems. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 772522.	2.0	19
17	Development and validation of an UHPLC-MS/MS approach for simultaneous quantification of five bioactive saponins in rat plasma: Application to a comparative pharmacokinetic study of aqueous extracts of raw and salt-processed <i>Achyranthes bidentata</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> . 2018, 151, 164-169.	1.4	18
18	Self-assembly behaviours of peptide-drug conjugates: influence of multiple factors on aggregate morphology and potential self-assembly mechanism. <i>Royal Society Open Science</i> , 2018, 5, 172040.	1.1	18

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19	Morphological transformation enhances Tumor Retention by Regulating the Self-assembly of Doxorubicin-peptide Conjugates. <i>Theranostics</i> , 2020, 10, 8162-8178.	4.6	18
20	Antioxidant Properties of cis-Z,Z'-3a,7a',7a,3a'-Dihydroxy-ligustilide on Human Umbilical Vein Endothelial Cells in Vitro. <i>Molecules</i> , 2013, 18, 520-534.	1.7	17
21	Quality Control of Gardeniae Fructus by HPLC-PDA Fingerprint Coupled with Chemometric Methods. <i>Journal of Chromatographic Science</i> , 2015, 53, 1685-1694.	0.7	17
22	Rapid magnetic solid-phase extraction combined with ultra-high performance liquid chromatography and quadrupole-time-of-flight mass spectrometry for analysis of thrombin binders from a crude extract and injection of Erigeron breviscapus. <i>RSC Advances</i> , 2016, 6, 34782-34790.	1.7	17
23	Magnetic solid-phase extraction coupled with HPLC-Q-TOF-MS for rapid analysis of tyrosinase binders from San-Bai decoction by Boxâ€ Behnken statistical design. <i>RSC Advances</i> , 2016, 6, 109730-109741.	1.7	17
24	Gut microbiota and metabonomics used to explore the mechanism of Qingâ€ Pills in alleviating osteoporosis. <i>Pharmaceutical Biology</i> , 2022, 60, 785-800.	1.3	16
25	Comparative pharmacokinetic analysis of extracts of crude and wine-processed <i>Dipsacus asper</i> in rats by a sensitive ultra performance liquid chromatographyâ€ tandem mass spectrometry approach. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1036-1037, 33-41.	1.2	15
26	UHPLCâ€ MS/MS quantification combined with chemometrics for the comparative analysis of different batches of raw and wineâ€ processed <i>Dipsacus asper</i> . <i>Journal of Separation Science</i> , 2017, 40, 1686-1693.	1.3	15
27	Functional oligopeptide as a novel strategy for drug delivery. <i>Journal of Drug Targeting</i> , 2017, 25, 597-607.	2.1	15
28	Identification of the raw and processed <i>Crataegi Fructus</i> based on the electronic nose coupled with chemometric methods. <i>Scientific Reports</i> , 2021, 11, 1849.	1.6	15
29	Integrating UHPLCâ€ MS/MS quantification and DAS analysis to investigate the effects of wine-processing on the tissue distributions of bioactive constituents of herbs in rats: Exemplarily shown for <i>Dipsacus asper</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1055-1056, 135-143.	1.2	14
30	Oxidative phosphorylation activation is an important characteristic of DOX resistance in hepatocellular carcinoma cells. <i>Cell Communication and Signaling</i> , 2018, 16, 6.	2.7	14
31	Integrated metallomic and metabolomic profiling of plasma and tissues provides deep insights into the protective effect of raw and salt-processed <i>Achyranthes bidentata</i> Blume extract in ovariectomy rats. <i>Journal of Ethnopharmacology</i> , 2019, 234, 85-95.	2.0	14
32	Zeolite based solid-phase extraction coupled with UPLC-Q-TOF-MS for rapid analysis of acetylcholinesterase binders from crude extract of <i>Corydalis yanhusuo</i> . <i>RSC Advances</i> , 2016, 6, 98476-98486.	1.7	13
33	Analysis of the chemical composition changes of <i>Gardeniae Fructus</i> before and after processing based on ultraâ€ highâ€ performance liquid chromatography quadrupole timeâ€ ofâ€ flight mass spectrometry. <i>Journal of Separation Science</i> , 2021, 44, 981-991.	1.3	13
34	Untargeted serum metabolomics reveals Fu-Zhu-Jiang-Tang tablet and its optimal combination improve an impaired glucose and lipid metabolism in type II diabetic rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1040, 222-232.	1.2	12
35	Fabrication and evaluation of magnetic phosphodiesterase-5 linked nanoparticles as adsorbent for magnetic dispersive solid-phase extraction of inhibitors from Chinese herbal medicine prior to ultra-high performance liquid chromatography-quadrupole time-of-flight mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2018, 1532, 58-67.	1.8	12
36	Evaluation of the Absorption Behavior of Main Component Compounds of Salt-Fried Herb Ingredients in Qingâ€ Pills by Using Caco-2 Cell Model. <i>Molecules</i> , 2018, 23, 3321.	1.7	12

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37	Quality control of processed <i>Crataegi Fructus</i> and its medicinal parts by ultra high performance liquid chromatography with electrospray ionization tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 2630-2639.	1.3	11
38	Hierarchical pulmonary target nanoparticles <i>via</i> inhaled administration for anticancer drug delivery. <i>Drug Delivery</i> , 2017, 24, 1191-1203.	2.5	11
39	A simple and sensitive LC-MS/MS approach for simultaneous quantification of six bioactive compounds in rats following oral administration of aqueous extract and ultrafine powder of <i>Astragalus propinquus</i> : Application to a comparative pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1096, 31-38.	1.2	11
40	Emodin attenuates cell injury and inflammation in pancreatic acinar AR42J cells. <i>Journal of Asian Natural Products Research</i> , 2019, 21, 186-195.	0.7	11
41	Dahuang Zhechong Pill Combined with Doxorubicin Induces Cell Death through Regulating Energy Metabolism in Human Hepatocellular Carcinoma Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-8.	0.5	10
42	Comparison of the structures and prebiotic-like effects in vitro of polysaccharides from <i>Coprinus comatus</i> fruit body and mycelium. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2621-2629.	3.6	10
43	The Effect of Salt-Processed <i>Psoralea corylifolia</i> on Generative Organ Targeting. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-12.	0.7	9
44	Study of organic acids in <i>Schisandrae Chinensis Fructus</i> after vinegar processing. <i>Journal of Separation Science</i> , 2017, 40, 4012-4021.	1.3	9
45	Simultaneous determination of nineteen compounds of Dahuang zhechong pill in rat plasma by UHPLC-MS/MS and its application in a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1151, 122200.	1.2	9
46	Synthesis of a novel polymer cholesterol-poly(ethylene glycol) 2000-glycyrrhetic acid (cholesterol-PEG-GA) and its application in brucine liposome. <i>Journal of Applied Polymer Science</i> , 2012, 124, 4554-4563.	1.3	8
47	Simultaneous Determination of Ten Bioactive Components in Raw and Processed <i>Radix Dipsaci</i> by UPLC-Q-TOF-MS. <i>Journal of Chromatographic Science</i> , 2019, 57, 122-129.	0.7	8
48	Profiling and analysis of multiple constituents in <i>Crataegi Fructus</i> before and after processing by ultrahigh-performance liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9033.	0.7	8
49	The Prebiotic-Like Effects of <i>Coprinus comatus</i> Polysaccharides on Gut Microbiota in Normal Mice and Those with Acute Alcoholic Liver Injury: A Comparative Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-6.	0.5	7
50	Multi-element processed pyritum mixed to $\beta$ -tricalcium phosphate to obtain a 3D-printed porous scaffold: An option for treatment of bone defects. <i>Materials Science and Engineering C</i> , 2021, 128, 112326.	3.8	7
51	Establishment of a UPLC-MS/MS Method for Studying the Effect of Salt-Processing on Tissue Distribution of Twelve Major Bioactive Components of Qingme Pills in Rats. <i>Journal of Analytical Methods in Chemistry</i> , 2020, 2020, 1-15.	0.7	6
52	Combination of molecular docking and liver transcription sequencing analysis for the evaluation of salt-processed <i>psoraleae fructus</i> -induced hepatotoxicity in ovariectomized mice. <i>Journal of Ethnopharmacology</i> , 2022, 288, 114955.	2.0	6
53	Study on the material basis of Dahuang Zhechong pill of anti-hepatoma effect by promoting vascular normalization. <i>Biomedical Chromatography</i> , 2022, 36, e5305.	0.8	6
54	Comparison Study of Bone Defect Healing Effect of Raw and Processed Pyritum in Rats. <i>Biological Trace Element Research</i> , 2018, 184, 136-147.	1.9	5

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55	Simultaneous quantification of two active compounds in raw and honey-processed Radix Astragali by high-performance thin-layer chromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020, 33, 321-326.	0.6	5
56	Determination of xanthatin by ultra high performance liquid chromatography coupled with triple quadrupole mass spectrometry: Application to pharmacokinetic study of xanthatin in rat plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 947-948, 57-61.	1.2	4
57	Integrated response surface methodology and UHPLC coupled with triple quadrupole time-of-flight MS quantitation to investigate the salt-processing chemistry of traditional Chinese medicines: A case study on <i>Achyranthes bidentata</i> . <i>Separation Science Plus</i> , 2018, 1, 439-445.	0.3	4
58	Simultaneous Quantitation of Five Bioactive Ingredients in Raw and Processed Fallopia multiflora by Employing UHPLC-Q-TOF-MS. <i>Journal of Chromatographic Science</i> , 2019, 57, 618-624.	0.7	4
59	Investigation on the Characteristic Components of Dahuang Zhechong Pill Based on High-Performance Liquid Chromatography (HPLC) Fingerprint. <i>Natural Product Communications</i> , 2019, 14, 1934578X1988807.	0.2	4
60	&lt;p&gt;A Novel Nanoparticle Preparation to Enhance the Gastric Adhesion and Bioavailability of Xanthatin&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5073-5082.	3.3	4
61	Mechanism exploration of ancient pharmaceutic processing (Paozhi) improving the gastroprotective efficacy of Aucklandiae Radix. <i>Journal of Ethnopharmacology</i> , 2022, 287, 114911.	2.0	4
62	Rhizospheric Fungal Diversities and Soil Biochemical Factors of Fritillaria taipaiensis over Five Cultivation Years. <i>Horticulturae</i> , 2021, 7, 560.	1.2	4
63	Validation and Application of an Ultra High-Performance Liquid Chromatography Tandem Mass Spectrometry Method for Yuanhuacine Determination in Rat Plasma after Pulmonary Administration: Pharmacokinetic Evaluation of a New Drug Delivery System. <i>Molecules</i> , 2016, 21, 1733.	1.7	3
64	Towards the identification of alkaline phosphatase binding ligands in Li-Dan-Hua-Shi pills: A Box-Behnken design optimized affinity selection approach tandem with UHPLC-Q-TOF/MS analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 154, 486-491.	1.4	2
65	Comparative in vivo pharmacokinetics study of caffeic acid, isoferulic acid and ferulic acid in crude and three different prepared Cimicifuga foetida L.. <i>Biomedical Chromatography</i> , 2020, 34, e4868.	0.8	2
66	The Saggy Ink Cap Medicinal Mushroom, Coprinus comatus (Agaricomycetes), Protein Attenuates Acute Alcoholic Liver Injury in Association with Changes in the Gut Microbiota of Mice. <i>International Journal of Medicinal Mushrooms</i> , 2021, 23, 91-100.	0.9	2
67	Antioxidant Activity and Probiotic Proliferation and Acidifying Activity of Intracellular Polysaccharides from the Shaggy Ink Cap Medicinal Mushroom, Coprinus comatus (Agaricomycetes), under Optimal Polysaccharide Synthase Activity. <i>International Journal of Medicinal Mushrooms</i> , 2021, 23, 23-34.	0.9	2
68	Isolation, Purification, and Differentiation of Osteoclast Precursors from Rat Bone Marrow. <i>Journal of Visualized Experiments</i> , 2019, . .	0.2	1